



No. 23

5 JUNE 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

Contents

Section I

Chart Corrections	I-1.1
Chartlets / Depth Tabulations / Notes	I-2.1
Charts Affected by Notice to Mariners	I-3.1

Section II

NGA Hydrographic Products Catalog Corrections	II-1.1
Navigation Publications Corrections	II-2.1
USCG Light List Corrections / Radiobeacon Corrections	II-3.1
NGA List of Lights / Radiobeacon / DGPS Corrections	II-4.1
Publications Affected by Notice to Mariners	II-5.1

Section III

Broadcast Warnings / MARAD Advisories / Special Warnings	III-1.1
Marine Information	III-2.1

**Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>**



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Observer	Ship/Organization
Dennis Oldacres, First Officer	M/V MATANUSKA
L. Hoffman, Second Officer	M/V MATANUSKA

Cover Photo: The **USS FORD (FFG-54)** is the forty-eighth ship of the *Oliver Hazard Perry* Class of guided missile frigates. Her mission is to provide in-depth anti-air, anti-surface and anti-subsurface protection for military and merchant shipping and to ensure continuous use of the sea lanes for the United States and her allies. The combat systems aboard utilize a computer command and control system to integrate the ships sensors and weapons. Her weapons include surface-to-surface and surface-to-air missiles, a 76mm rapid fire gun, a close-in weapons system, anti-torpedoes and LAMPS MK III helicopter. The propulsion system is a computer controlled gas turbine power plant which utilizes jet engines. **FORD's** propulsion system can be "brought on line" in less than five minutes as compared to more than four hours for the conventional steam powered ships. Despite the advanced systems aboard, the heart of the ship is the crew. Each member has been highly trained in his particular area of expertise so that he can either operate, monitor or repair all shipboard systems. Skilled technicians and professional leadership make **USS FORD** a vital asset for the fleet in today's multi-threat environment.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 23/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

5 June 2004

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF LIGHT LIST

USCG LIGHT LIST VOLUME II, ATLANTIC COAST, SHREWSBURY RIVER, NEW JERSEY TO LITTLE RIVER, SOUTH CAROLINA, 2004 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF LIGHT LIST

USCG LIGHT LIST VOLUME III, ATLANTIC COAST AND GULF COAST, LITTLE RIVER, SOUTH CAROLINA TO ECONFINA RIVER, FLORIDA (INCLUDES PUERTO RICO AND THE U.S. VIRGIN ISLANDS), 2004 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF LIGHT LIST

USCG LIGHT LIST VOLUME IV, GULF OF MEXICO, ECONFINA RIVER, FLORIDA TO THE RIO GRANDE, TEXAS, 2004 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF LIST OF LIGHTS

PUB. 116, 2004 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE BALTIC SEA WITH KATTEGAT, BELTS AND SOUND AND GULF OF BOTHNIA, IS READY FOR ISSUE. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 23/04

504 (INT 809) 4Ed. 2/19/83 LAST NM 31/00 23/04 Change Light to Fl 10s 21M 21°13'N 156°58'W (16/04 CG14)	11329 35Ed. 9/03 LAST NM 17/04 23/04 Delete Light 29°43'33.3"N 95°01'29.5"W (19/04 CG8)
530 30Ed. 3/23/02 LAST NM 21/04 23/04 Change Visibility (range) of light to 21M 21°13'N 156°58'W (16/04 CG14)	11330 15Ed. 10/03 LAST NM 20/04 23/04 Delete Platform and Racon 28°27.0'N 94°13.2'W Add Platform [L10] with Racon (-•••) [S3.1] 28°27.0'N 93°13.2'W Note: Submerged well (cov 138ft) remains (17/04 CG8)
540 17Ed. 2/04 LAST NM 16/04 23/04 Change Visibility (range) of light to 21M 21°13'N 156°58'W (16/04 CG14)	★11340 68Ed. 6/03 LAST NM 20/04 23/04 Delete Platform and Racon 28°27.0'N 94°13.2'W Add Platform [L10] with Racon (-•••) [S3.1] 28°27.0'N 93°13.2'W Note: Submerged well (cov 23fms) remains Stranded wreck [K24] (PA) 29°17.8'N 92°00.8'W Platform [L10] 27°37.5'N 90°26.5'W Platform [L10] 28°24.9'N 90°04.0'W Note: Dashed-line circle "Obstn PA (25fms rep)" remains (17/04 CG8)
1116A Ed. 6/03 LAST NM 20/04 23/04 Delete Platform and Racon 28°27.0'N 94°13.2'W Add Platform [L10] with Racon (-•••) [S3.1] 28°27.0'N 93°13.2'W Note: Submerged well (cov 23fms) remains Stranded wreck [K24] (PA) 29°17.8'N 92°00.8'W Platform [L10] 27°37.5'N 90°26.5'W Platform [L10] 28°24.9'N 90°04.0'W Note: Dashed-line circle "Obstn PA (25fms rep)" remains (17/04 CG8)	★11349 41Ed. 3/04 LAST NM 22/04 23/04 Add Stranded wreck [K24] (PA) 29°17'48"N 92°00'48"W (17/04 CG8)
1117A Ed. 4/03 LAST NM 20/04 23/04 Delete Platform and Racon 28°27.0'N 94°13.2'W (17/04 CG8)	★11355 26Ed. 4/04 NEW EDITION 23/04 (NOS)
11004 7Ed. 10/29/94 LAST NM 18/04 23/04 Add Platform [L10] 27°37.5'N 90°26.5'W (17/04 CG8)	★11357 36Ed. 7/03 LAST NM 20/04 23/04 Delete Platform 28°58'41"N 90°15'00"W Platform 28°58'54"N 90°15'06"W Platform 28°59'04"N 90°14'46"W Platform 28°59'03"N 90°15'29"W Platform 28°59'11"N 90°15'18"W Platform 28°59'31"N 90°15'33"W Platform 29°00'19"N 90°15'58"W Platform 29°00'42"N 90°16'12"W Platform 29°01'24"N 90°16'36"W Platform 29°01'37"N 90°15'03"W (17/04 CG8)
11300 39Ed. 4/03 LAST NM 20/04 23/04 Delete Platform and Racon 28°27.0'N 94°13.2'W (17/04 CG8)	★11358 52Ed. 6/03 LAST NM 19/04 23/04 Add Light "A" Fl Y 2.5s 8ft (Priv) 29°16'16"N 89°56'41"W Platform [L10] 29°00'49"N 89°39'59"W (17, 18/04 CG8)
11305 1Ed. 10/2/99 LAST NM N13/04 N23/04 Relocate Light "43" from 27°48'34.5"N 97°14'15.2"W to 27°48'35.7"N 97°14'15.3"W (18/04 CG8)	★11361 71Ed. 12/03 LAST NM 19/04 23/04 Change Height of light "9" to 17ft 29°03'12"N 89°12'13"W (17/04 CG8)
11308 22Ed. 11/02 LAST NM 13/04 23/04 (Side A) Relocate Light "43" from 27°48'34.3"N 97°14'15.0"W to 27°48'35.7"N 97°14'15.3"W (18/04 CG8)	★11363 39Ed. 9/03 LAST NM 20/04 23/04 Add Platform [L10] 29°42'05"N 88°44'46"W (17/04 CG8)
★11309 37Ed. 9/03 LAST NM 13/04 23/04 Relocate Light "43" from 27°48'34.5"N 97°14'15.5"W to 27°48'35.7"N 97°14'15.3"W (18/04 CG8)	11365 17Ed. 10/02 LAST NM 20/04 23/04 (Side A) Add Light "A" Fl Y 2.5s 8ft (Priv) 29°16'16.3"N 89°56'41.0"W (17/04 CG8)
11318 1Ed. 10/2/99 LAST NM N13/04 N23/04 Relocate Light "43" from 27°48'35.0"N 97°14'15.3"W to 27°48'35.7"N 97°14'15.3"W (18/04 CG8)	★11366 8Ed. 10/03 LAST NM 19/04 23/04 Add Platform [L10] 28°24.9'N 90°04.0'W Note: Dashed-line circle "Obstn PA (24fms rep)" remains (17/04 CG8)
11326 32Ed. 11/03 LAST NM 20/04 23/04 (Page A, Inset 1) Delete Light 29°43'33.2"N 95°01'29.5"W Change Range light, front to QG 20ft, Fl 4s 15ft 3M 29°42'04.8"N 95°00'02.4"W (See 7/04-11326) (18, 19/04 CG8)	★11372 31Ed. 3/04 NEW EDITION 23/04 (NOS)
★11328 23Ed. 8/03 LAST NM 17/04 23/04 Delete Light 29°43'33.4"N 95°01'29.7"W Change Range light, front to QG 20ft, Fl 4s 15ft 3M 29°42'04.8"N 95°00'02.4"W (See 7/04-11328) (18, 19/04 CG8)	11376 49Ed. 9/03 LAST NM 20/04 23/04 Add Buoy (mooring) Q [Q41] (Priv) 30°15'23"N 88°03'15"W (18/04 CG8)

★11377	5Ed. 6/03	LAST NM 20/04	23/04		
Add	Buoy (mooring) Q [Q41] (Priv)		30°15'22.8"N 88°03'14.9"W		
	(18/04 CG8)				
11378	33Ed. 2/04	LAST NM 20/04	23/04		
Add	(Side B) Buoy (mooring) Q [Q41] (Priv)		30°15'22.8"N 88°03'14.9"W		
	(18/04 CG8)				
★11385	26Ed. 3/04	NEW EDITION	23/04		
	(NOS)				
11389	32Ed. 10/13/01	LAST NM 17/04	23/04		
Add	Range light, front Iso G 2s 25ft 6M Ra ref		30°08'03"N 85°42'55"W		
	Range light, rear Iso G 6s 50ft Ra ref		30°07'51"N 85°43'35"W		
	Range line extending in 071°36' direction from above rear light dashed for 2200 yards, thence solid for 3650 yards				
	(18/04 CG8)				
11390	23Ed. 2/04	LAST NM 20/04	23/04		
Add	(Side A) Range light, front Iso G 2s 25ft 6M Ra ref		30°08'02.8"N 85°42'55.4"W		
	Range light, rear Iso G 6s 50ft Ra ref		30°07'51.4"N 85°43'34.8"W		
	Range line extending in 071°36' direction from above rear light dashed for 2150 yards, thence solid for 3650 yards				
	(18/04 CG8)				
★11391	23Ed. 10/03	LAST NM 17/04	23/04		
Add	Range light, front Iso G 2s 25ft 6M Ra ref		30°08'02.8"N 85°42'55.4"W		
	Range light, rear Iso G 6s 50ft Ra ref		30°07'51.4"N 85°43'34.8"W		
	Range line extending in 071°36' direction from above rear light dashed for 2200 yards, thence solid for 3650 yards				
	(18/04 CG8)				
12339	44Ed. 10/03	LAST NM 50/03	23/04		
Relocate	Buoy "8" from 40°47'55.3"N 73°53'56.2"W to		40°47'55.1"N 73°53'56.3"W		
	(13/04 CG1)				
12372	32Ed. 10/03	LAST NM 20/04	23/04		
Change	(Page B, Inset 1) Buoy to "WR" R, nun		41°21'26.2"N 72°05'09.1"W		
	(See 20/04-12372)				
	(14/04 CG1)				
★13213	41Ed. 3/04	LAST NM 20/04	23/04		
Change	Buoy to "WR" R, nun		41°21'26.2"N 72°05'09.1"W		
	(See 20/04-13213)				
	(14/04 CG1)				
★13218	38Ed. 3/10/01	LAST NM 22/04	23/04		
Delete	Buoy "10"		41°33'03"N 70°46'36"W		
Relocate	Buoy "BB" from 41°30'46"N 70°50'05"W to		41°30'33"N 70°49'54"W		
	Buoy "3" from 41°27'03"N 71°01'06"W to		41°27'15"N 71°00'34"W		
	Buoy "3" from 41°37'20"N 70°42'07"W to		41°37'19"N 70°42'10"W		
	(See 50/03-13218)				
Add	Buoy "9" G, FI G 4s BELL		41°32'52"N 70°46'27"W		
	Buoy "10" R, FI R 4s GONG		41°34'37"N 70°43'15"W		
	(14/04 CG1)				
13221	54Ed. 12/03	LAST NM 20/04	23/04		
Add	Depth 36 feet Wk [K26]		41°34'32"N 71°19'01"W		
	(NOS)				
★13223	37Ed. 1/04	LAST NM 20/04	23/04		
Add	Depth 36 feet Wk [K26]		41°34'31.9"N 71°19'00.8"W		
	(NOS)				
13228	11Ed. 5/17/97	LAST NM 22/04	23/04		
Relocate	Buoy "3" from 41°27'02.3"N 71°01'05.9"W to		41°27'15.0"N 71°00'34.0"W		
	(14/04 CG1)				
13229	28Ed. 1/04	LAST NM 22/04	23/04		
	(Page E)				
Relocate	Buoy "BB" from 41°30'47"N 70°50'05"W to		41°30'33"N 70°49'54"W		
	Buoy "3" from 41°27'02"N 71°01'06"W to		41°27'15"N 71°00'34"W		
	(Page F)				
Delete	Buoy "10"		41°33'05"N 70°46'40"W		
Relocate	Buoy "BB" from 41°30'47"N 70°50'05"W to		41°30'33"N 70°49'54"W		
	Buoy "3" from 41°37'20"N 70°42'07"W to		41°37'19"N 70°42'10"W		
Add	Buoy "9" G, FI G 4s BELL		41°32'52"N 70°46'27"W		
	Buoy "10" R, FI R 4s GONG		41°34'37"N 70°43'15"W		
	(14/04 CG1)				
13230	47Ed. 12/03	LAST NM 22/04	23/04		
Delete	Buoy "10"		41°33'06"N 70°46'39"W		
Relocate	Buoy "BB" from 41°30'49"N 70°50'05"W to		41°30'33"N 70°49'54"W		
	Buoy "3" from 41°37'21"N 70°42'09"W to		41°37'19"N 70°42'10"W		
Add	Buoy "9" G, FI G 4s BELL		41°32'52"N 70°46'27"W		
	Buoy "10" R, FI R 4s GONG		41°34'37"N 70°43'15"W		
	(14/04 CG1)				
13232	4Ed. 6/30/01	LAST NM 19/04	23/04		
Delete	Buoy "10"		41°33'04.5"N 70°46'39.4"W		
Relocate	Buoy "BB" from 41°30'47.7"N 70°50'05.9"W to		41°30'33.0"N 70°49'54.0"W		
Add	Buoy "9" G, FI G 4s BELL		41°32'52.0"N 70°46'27.0"W		
	(14/04 CG1)				
13233	16Ed. 4/14/01	LAST NM 22/04	23/04		
Relocate	Buoy "BB" from 41°30'48"N 70°50'05"W to		41°30'33"N 70°49'54"W		
	(14/04 CG1)				
★13235	6Ed. 4/04	NEW EDITION	23/04		
	(NOS)				
13237	39Ed. 5/03	LAST NM 13/04	23/04		
Add	Light FI R 4s to buoy "2"		41°18'39"N 70°06'08"W		
	(14/04 CG1)				
13241	15Ed. 3/23/02	LAST NM 42/02	23/04		
Add	Light FI R 4s to buoy "2"		41°18'40"N 70°06'08"W		
	(14/04 CG1)				
★13242	17Ed. 5/26/01	LAST NM 29/01	23/04		
Add	Light FI R 4s to buoy "2"		41°18'39.2"N 70°06'07.4"W		
	(14/04 CG1)				
13267	31Ed. 10/03	LAST NM 9/04	23/04		
Relocate	Buoy "1DB" from 42°35'03"N 70°40'36"W to		42°35'00"N 70°40'31"W		
	(13/04 CG1)				

SECTION I

NM 23/04

★13272	48Ed. 2/04	LAST NM 20/04	23/04		
	Add	Light FL R 4s to buoy "2"	42°23'11.2"N 71°03'09.3"W		
		(14/04 CG1)			
13274	25Ed. 9/03	LAST NM 15/04	23/04		
	Relocate	Buoy "1DB" from 42°35'02"N 70°40'33"W to			
		42°35'00"N 70°40'31"W			
		(13/04 CG1)			
13278	25Ed. 12/9/00	LAST NM 39/03	23/04		
	Relocate	Buoy "1DB" from 42°35'02"N 70°40'34"W to			
		42°35'00"N 70°40'31"W			
		(13/04 CG1)			
13279	30Ed. 3/03	LAST NM 17/04	23/04		
	Relocate	Buoy "1DB" from			
		42°35'02.2"N 70°40'32.9"W to			
		42°35'00.2"N 70°40'31.0"W			
		(13/04 CG1)			
★13281	17Ed. 5/20/00	LAST NM 17/04	23/04		
	Relocate	Buoy "1DB" from			
		42°35'02.6"N 70°40'33.2"W to			
		42°35'00.2"N 70°40'31.0"W			
		(13/04 CG1)			
13288	40Ed. 2/2/02	LAST NM 20/04	23/04		
	Change	Period of buoy "2" to 2.5s	43°42'23"N 70°07'52"W		
		(See 44/03-13288)			
		(13/04 CG1)			
13290	35Ed. 8/03	LAST NM 20/04	23/04		
	Change	Period of buoy "2" to 2.5s	43°42'23.0"N 70°07'52.0"W		
		(See 44/03-13290)			
		(13/04 CG1)			
★13292	36Ed. 3/16/02	LAST NM 20/04	23/04		
	Change	Period of buoy "2" to 2.5s	43°42'23.0"N 70°07'52.0"W		
		(See 44/03-13292)			
		(13/04 CG1)			
★14000	Ed. 12/02	NEW CHART	N23/04		
		(NGA)			
★14001	Ed. 2/03	NEW CHART	N23/04		
		(NGA)			
★14002	57Ed. 4/15/95	CHART CANCELED	23/04		
		(NGA)			
★14004	Ed. 3/03	NEW CHART	N23/04		
		(NGA)			
★14005	78Ed. 1/7/95	CHART CANCELED	23/04		
		(NGA)			
★14006	Ed. 6/03	NEW CHART	N23/04		
		(NGA)			
★14011	Ed. 10/98	NEW CHART	N23/04		
		(NGA)			
★17432	7Ed. 4/04	NEW EDITION	23/04		
		(NOS)			
18022	34Ed. 11/03	LAST NM 22/04	23/04		
	Substitute	Dangerous wreck [K28] for wreck (PA)	34°07.7'N 119°13.4'W		
		(6/04 CG11)			
★18587	68Ed. 8/25/01	LAST NM 20/04	23/04		
	Add	Tabulation of controlling depths from			
		Subsection I-2			
		(NOS)			
18720	31Ed. 7/29/00	LAST NM 21/04	23/04		
	Substitute	Dangerous wreck [K28] for wreck	34°07.7'N 119°13.4'W		
		(See 25/03-18720)			
		(6/04 CG11)			
★18724	1Ed. 3/03	LAST NM 15/04	23/04		
	Substitute	Dangerous wreck [K28] for wreck	34°07'42"N 119°13'24"W		
		(See 25/03-18724)			
		(6/04 CG11)			
18725	27Ed. 6/03	LAST NM 21/04	23/04		
	Substitute	Dangerous wreck [K28] for wreck	34°07'42"N 119°13'24"W		
		(See 32/03-18725)			
		(6/04 CG11)			
18740	40Ed. 8/03	LAST NM 22/04	23/04		
	Substitute	Dangerous wreck [K28] for wreck (PA)	34°07.7'N 119°13.4'W		
		(6/04 CG11)			
★18754	17Ed. 7/03	LAST NM 43/03	23/04		
	Add	Tabulation of controlling depths from			
		Subsection I-2			
		(NOS)			
★18758	6Ed. 6/02	LAST NM 13/04	23/04		
	Relocate	Buoy "1" from 33°12'33.9"N 117°24'18.8"W			
		to 33°12'34.1"N 117°24'16.1"W			
		(14/04 CG11)			
18763	10Ed. 2/04	LAST NM 18/04	23/04		
	Delete	Buoy "A"	33°01'35"N 118°33'45"W		
	Change	Legend "...NM Feb. 14/04" to "...NM Feb.			
		28/04" in left lower margin of chart			
		Legend "...LNM Jan. 27/04" to "...LNM Feb.			
		10/04" in left lower margin of chart			
		(NOS; 9/04 CG11)			
18772	47Ed. 2/03	LAST NM 48/03	23/04		
	Relocate	Light "W" from 32°40'42.1"N 117°13'24.2"W			
		to 32°40'41.9"N 117°13'24.2"W			
		(17/04 CG11)			
★18773	39Ed. 8/03	LAST NM 14/04	23/04		
	Delete	Buoy (mooring)	32°44'00.0"N 117°12'43.2"W		
	Relocate	Light "W" from 32°40'42.1"N 117°13'24.2"W			
		to 32°40'41.9"N 117°13'24.2"W			
		(17/04 CG11)			
18774	10Ed. 6/02	LAST NM 19/04	23/04		
		(Inset)			
	Relocate	Buoy "1" from 33°12'34.0"N 117°24'19.0"W			
		to 33°12'34.1"N 117°24'16.1"W			
		(14/04 CG11)			
19002	9Ed. 3/1/97	LAST NM N22/04	N23/04		
	Change	Visibility (range) of light to 21M	21°12.5'N 156°58.0'W		
	Add	Wreck [K29]	20°37.8'N 156°50.2'W		
		(4, 16/04 CG14)			
19004	37Ed. 1/04	LAST NM 18/04	23/04		
	Relocate	Buoy (FAD) "RN" from			
		19°07.8'N 155°23.5'W to	19°04.9'N 155°25.5'W		
		Buoy (FAD) "AA" from			
		21°49.3'N 159°36.8'W to	21°48.8'N 159°36.6'W		

(continued on next page)

19004	(Continued)				
Change	Visibility (range) of light to 21M	21°12.5'N	156°58.1'W		
Add	Wreck [K29] (4, 15, 16/04 CG14)	20°37.8'N	156°50.2'W		
19007	17Ed. 3/04 LAST NM 21/04				23/04
Change	Visibility (range) of light to 21M (16/04 CG14)	21°12.8'N	156°58.2'W		
19008	4Ed. 11/3/84 LAST NM 19/04				23/04
Change	Visibility (range) of light to 21M	21°12.2'N	156°58.2'W		
Add	Wreck [K29] (4, 16/04 CG14)	20°37.8'N	156°50.2'W		
19009	4Ed. 2/16/85 LAST NM 19/04				23/04
Change	Visibility (range) of light to 21M	21°12.2'N	156°58.2'W		
Add	Wreck [K29] (4, 16/04 CG14)	20°37.8'N	156°50.2'W		
19010	18Ed. 3/04 LAST NM 22/04				23/04
Change	Visibility (range) of light to 21M (16/04 CG14)	21°12.4'N	156°58.0'W		
19013	17Ed. 2/04 LAST NM 22/04				23/04
Change	Visibility (range) of light to 21M (16/04 CG14)	21°12.4'N	156°58.2'W		
19339	1Ed. 7/19/97 LAST NM N10/04				N23/04
Change	Visibility (range) of light to 21M	21°12.7'N	156°58.2'W		
Add	Wreck [K29] (4, 16/04 CG14)	20°37.8'N	156°50.2'W		
19340	26Ed. 12/2/00 LAST NM 13/04				23/04
Change	Visibility (range) of light to 21M	21°12.6'N	156°58.2'W		
Add	Wreck [K29] (4, 16/04 CG14)	20°37.8'N	156°50.2'W		
★19347	17Ed. 12/13/97 LAST NM 29/03				23/04
Change	Visibility (range) of light to 21M	21°12'33"N	156°58'12"W		
Add	Wreck [K29] (4, 16/04 CG14)	20°37'47"N	156°50'14"W		
★19351	9Ed. 3/18/00 LAST NM 25/02				23/04
Change	Visibility (range) of light to 21M (16/04 CG14)	21°12'33.0"N	156°58'12.0"W		
★19383	17Ed. 5/27/00 LAST NM 5/03				23/04
Relocate	Buoy "5" from 21°57'06.6"N 159°21'01.8"W to 21°57'06.6"N 159°21'01.6"W (16/04 CG14)				
19387	9Ed. 8/29/98 LAST NM N12/04				N23/04
Relocate	Buoy (FAD) "AA" from 21°49.3'N 159°36.6'W to (15/04 CG14)	21°48.8'N	159°36.6'W		
24444	2Ed. 11/24/84 LAST NM 6/02				23/04
Change	Height of light to 39ft (11/02 Caracas)	11°46'51"N	66°34'56"W		
25524	43Ed. 6/10/95 LAST NM 32/03				23/04
Add	Purple composite line (fishing prohibited limit) between 14°39'58"N 60°54'38"W 14°41'09"N 60°54'33"W				
	Purple composite line (fishing prohibited limit) between 14°41'16"N 60°54'35"W 14°41'16"N 60°54'42"W				
	Legend "Fishing Prohibited" (Fr CH 7088)	14°40'20"N	60°55'12"W		
25525	17Ed. 12/3/94 LAST NM 26/03				23/04
Add	Purple composite line (fishing prohibited limit) between 14°39'58.0"N 60°54'38.0"W 14°41'09.5"N 60°54'32.7"W				
	Purple composite line (fishing prohibited limit) between 14°41'16.0"N 60°54'35.5"W 14°41'16.0"N 60°54'42.5"W				
	Legend "Fishing Prohibited" Legend "Fishing Prohibited" (Fr CH 7088)	14°40'13.0"N 60°55'12.0"W 14°40'54.0"N 60°54'54.0"W			
25526	2Ed. 6/10/95 LAST NM 32/03				23/04
Add	Purple composite line (fishing prohibited limit) between 14°39'58"N 60°54'38"W 14°41'09"N 60°54'33"W				
	Purple composite line (fishing prohibited limit) between 14°41'16"N 60°54'35"W 14°41'16"N 60°54'42"W				
	Legend "Fishing Prohibited" (Fr CH 7088)	14°40'20"N	60°55'12"W		
★35005	Ed. 7/94 NEW CHART				N23/04
Add	Moored storage tanker [L17] "Nordic Apollo" (lighted) 57°00.7'N 1°19.7'E				
	"Restricted Area" [N2.1] bound by purple composite-line circle, radius 0.27 mile, centered 57°00.7'N 1°19.7'E				
	Purple composite-line circle, radius 0.65 mile, with legend "Chains and Anchors (See Note)" centered 57°00.7'N 1°19.7'E				
	Depth 80 meters Well [L21.1] (NGA; 12(1308), 16(1810)04 Taunton)	57°38.5'N	1°22.3'E		
35008	21Ed. 10/19/96 LAST NM 27/03				23/04
Add	Danger circle "Obstn" [K40] (6(327)99 Stavanger)	60°15.0'N	2°05.9'E		
★35013	Ed. 12/93 NEW CHART				N23/04
Substitute	Swept depth 15.5 meters Wk [K27] for depth 19.2 meters Wk 56°30.3'N 2°36.5'W				
Add	Swept depth 14.6 meters Wks [K27] (NGA; 15(1673)04 Taunton)	56°26.8'N	2°36.9'W		
★35014	Ed. 10/02 NEW CHART				N23/04
Substitute	Depth 3.7 meters for 5.4 meters 56°18.3'N 2°37.2'W				
	Swept depth 15.5 meters Wk [K27] for depth 19.2 meters Wk 56°30.3'N 2°36.6'W				
Change	NGA Ref No. "35ACO35012" to "35ACO35014" in lower left margin of chart Legend to "FIRING PRACTICE AREA (X5641) (see note)" 56°10.5'N 2°09.5'W Legend to "FIRING PRACTICE AREA (X5642) (see note)" 56°11.0'N 1°43.5'W				
Add	Swept depth 14.6 meters Wks [K27] (NGA; 12(1304, 1305), 15(1673)04 Taunton)	56°26.8'N	2°37.0'W		
★35025	Ed. 8/01 NEW CHART				N23/04
Substitute	Depth 11.4 meters Wk [K30] for 8.5 meters Wk 54°39'37.5"N 1°07'12.0"W (NGA; 12(1349)04 Taunton)				
★35041	8Ed. 2/8/97 CHART CANCELED (NGA)				23/04
★35055	Ed. 8/93 NEW CHART (NGA)				N23/04
★35080	16Ed. 4/17/99 CHART CANCELED (NGA)				23/04

SECTION I

NM 23/04

★35100	14Ed. 6/22/96	CHART CANCELED (NGA)	23/04		
★35120	13Ed. 10/28/95	CHART CANCELED (NGA)	23/04		
35350	2Ed. 4/19/97	LAST NM 41/02 Delete WHIS from buoy (6/04 Dublin)	23/04	52°33.8'N 9°43.8'W	
35365	1Ed. 5/20/89	LAST NM 12/04 Delete WHIS from buoy "Kilstiffin" (6/04 Dublin)	23/04	52°33'46"N 9°43'48"W	
36005 (INT 1070)	2Ed. 2/24/96	LAST NM 13/04 Add Wreck [K29] marked close W by buoy YBY, pillar, double cone topmark points together, Q(9) 15s (8/04 Trinity House)	23/04	48°55.3'N 2°26.1'W	
37080	3Ed. 12/28/96	LAST NM 12/04 Add Wreck [K29] marked close W by buoy YBY, pillar, double cone topmark points together, Q(9) 15s (8/04 Trinity House)	23/04	48°55.3'N 2°26.1'W	
37090	8Ed. 2/8/97	LAST NM 12/04 Add Wreck [K29] marked close W by buoy YBY, pillar, double cone topmark points together, Q(9) 15s (8/04 Trinity House)	23/04	48°55.3'N 2°26.1'W	
37141	29Ed. 10/21/95	LAST NM 45/03 Delete Buoy "E. Mouse" Buoy "Knob Gat" Relocate Buoy "S.E. Mouse" from 51°31'40"N 1°04'12"E to (4/04 Trinity House)	23/04	51°32'44"N 1°06'06"E 51°32'04"N 1°05'21"E 51°31'11"N 1°04'04"E	
37200	15Ed. 6/29/96	LAST NM 15/04 Add "EXTRACTION AREA" bound by purple dashed line joining	23/04	56°12.6'N 7°55.7'E 56°12.6'N 7°56.8'E 56°07.3'N 8°01.4'E 56°04.8'N 8°01.1'E 56°04.8'N 7°59.7'E 56°07.2'N 7°58.2'E	
		(15(114)04 Kobenhavn)			
37380	2Ed. 9/11/93	LAST NM 21/04 Add Buoy "La Sablaire" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s (Fr CH 7410)	23/04	46°43.6'N 2°19.5'W	
37400 (INT 1803)	10Ed. 3/12/88	LAST NM 21/04 Delete Buoy	23/04	46°41.4'N 2°25.7'W	
		Add Danger circle "Explosive Dumping Ground" Buoy "La Sablaire" YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s Buoy (wavemeter) Y, spherical, Fl(5) Y 20s Buoy Y, spherical, Fl Y 4s (Fr CH 7410; 40(14)02 Brest)		46°42.5'N 2°13.0'W 46°43.6'N 2°19.5'W 46°40.1'N 2°23.0'W 46°40.6'N 2°23.1'W	
43030	24Ed. 4/5/97	LAST NM 20/04 Add Wreck [K29] Wreck [K29] Wreck [K29] (15(118)04 Kobenhavn)	23/04	54°31.1'N 13°48.1'E 54°29.5'N 13°48.1'E 54°32.9'N 13°46.9'E	
43083	4Ed. 9/7/96	LAST NM 22/04 Add Light Iso R 2s 2M	23/04	70°28'46"N 22°10'21"E	
		Double solid line with land tint (mole) [F12] between (Nor CH 97; BA LL)		70°28'41"N 22°09'57"E 70°28'46"N 22°10'21"E	
43084	3Ed. 1/23/99	LAST NM 16/04 Delete Buoy Buoy (Nor CH 96)	23/04	69°59'20"N 23°19'30"E 69°59'02"N 23°19'11"E	
43165	2Ed. 12/29/84	LAST NM 21/04 Substitute Depth 2 fathoms 3 feet for 10 fathoms 5 feet Depth 2 fathoms 4 feet for 6 fathoms Depth 4 fathoms 5 feet for 7 fathoms	23/04	67°47'52"N 14°34'53"E 67°47'11"N 14°48'23"E 67°47'11"N 14°48'05"E	
		Add Depth 3 fathoms 5 feet Depth 5 fathoms 3 feet Depth 4 fathoms 2 feet Depth 4 fathoms 1 foot Depth 2 fathoms 4 feet		67°47'09"N 14°44'19"E 67°47'04"N 14°43'01"E 67°47'23"N 14°43'33"E 67°47'32"N 14°43'41"E 67°47'20"N 14°33'20"E	
		Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 (2(91), 16(723), 17(757, 758), 18(811), 19(857), 20(903), 21(949)03 Stavanger; Nor CH 66, 67)		67°45'15"N 14°42'00"E	
43166	2Ed. 8/21/76	LAST NM 43/03 Add Chartlet A, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 Chartlet B, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 Chartlet C, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 (2(91), 9(443), 13(613, 614), 14(646), 15(672, 673), 16(722, 723), 17(757, 758), 18(811), 21(948)03 Stavanger; Nor CH 66, 67)	23/04	67°44'15"N 14°41'00"E 67°39'30"N 14°40'00"E 67°34'15"N 14°39'30"E	
43263	7Ed. 4/11/98	LAST NM 21/04 Delete Submarine cables (3) between (Nor CH 31)	23/04	62°28'55"N 6°11'11"E 62°29'27"N 6°11'15"E	
43265	2Ed. 12/27/97	LAST NM 47/03 Delete Submarine cables (3) between (Nor CH 31)	23/04	62°28'55"N 6°11'11"E 62°29'27"N 6°11'15"E	
43281	6Ed. 2/7/98	LAST NM 21/04 Delete Submarine cables (2) between (Nor CH 31)	23/04	62°28'55"N 6°11'11"E 62°29'27"N 6°11'15"E	
43300	5Ed. 7/20/96	LAST NM 10/04 Change Light to Iso WRG Light to Iso WRG (BA LL)	23/04	61°17.6'N 4°47.2'E 61°17.2'N 4°46.8'E	
43301	4Ed. 9/11/93	LAST NM 49/03 Change Light to Iso WRG 6s 12m 6-4M Light to Iso WRG 2s 8m 6-4M (BA LL)	23/04	61°17'36"N 4°47'06"E 61°17'12"N 4°46'45"E	
43321	6Ed. 1/17/98	LAST NM 21/04 Substitute Depth 21 meters for 24 meters Depth 7.7 meters for 20 meters Depth 4 meters for 10 meters	23/04	60°07'48"N 5°14'01"E 60°06'54"N 5°15'28"E 60°07'12"N 5°09'41"E	
		Add Beacon (PA) (Nor CH 21)		60°08'00"N 5°14'37"E	

43323 4Ed. 6/5/99 LAST NM 21/04 23/04
 Substitute Depth 21 meters for 24 meters 60°07'48"N 5°14'01"E
 Depth 7.7 meters for 20 meters 60°06'52"N 5°15'28"E
 Depth 5.8 meters for 15 meters 60°07'37"N 5°09'29"E
 Add Depth 5.6 meters 60°07'35"N 5°10'14"E
 Beacon (PA) 60°08'00"N 5°14'37"E
 (Nor CH 21)

43370 7Ed. 6/29/96 LAST NM 14/04 23/04
 Delete Submarine cable joining 59°33'39"N 10°24'19"E
 59°33'33"N 10°24'35"E
 59°33'27"N 10°25'14"E
 Buoy 59°19'52"N 10°30'20"E
 (Nor CH 3)

43371 13Ed. 4/17/99 LAST NM 14/04 23/04
 Delete Submarine cable joining 59°33'38"N 10°24'13"E
 59°33'30"N 10°24'42"E
 59°33'30"N 10°25'15"E
 (Nor CH 3)

43373 8Ed. 6/22/96 LAST NM 14/04 23/04
 Relocate Buoy "Grisbadarna SV" from 58°53'56"N 10°49'44"E
 58°54'00"N 10°49'36"E to
 (See 50/03-43373)
 (3(1656)04 Norrkoping)

43375 7Ed. 8/22/92 LAST NM 22/04 23/04
 Relocate Buoy "Grisbadarna SV" from 58°53'56"N 10°49'44"E
 58°54'00"N 10°49'36"E to
 (See 50/03-43375)
 (3(1656)04 Norrkoping)

43384 1Ed. 9/14/91 LAST NM 22/04 23/04
 Add Buoy Y, spar, "X" topmark 58°16'02"N 11°25'56"E
 (3(1657)04 Norrkoping)

44081 9Ed. 3/16/96 LAST NM 16/04 23/04
 Add Wreck [K29] 54°31'07"N 13°48'08"E
 Wreck [K29] 54°29'30"N 13°48'05"E
 Wreck [K29] 54°33'09"N 13°42'29"E
 Wreck [K29] 54°32'54"N 13°46'51"E
 (15(118)04 Kobenhavn)

44100 7Ed. 3/9/96 LAST NM 17/04 23/04
 Add Wreck [K29] 54°31.1'N 13°48.1'E
 Wreck [K29] 54°29.5'N 13°48.1'E
 Wreck [K29] 54°33.0'N 13°42.5'E
 Wreck [K29] 54°32.9'N 13°46.9'E
 (15(118)04 Kobenhavn)

44120 7Ed. 2/22/97 LAST NM 20/04 23/04
 Add Wreck [K29] 54°31.1'N 13°48.1'E
 Wreck [K29] 54°29.5'N 13°48.1'E
 Wreck [K29] 54°32.9'N 13°46.9'E
 (15(118)04 Kobenhavn)

44160 7Ed. 4/5/97 LAST NM 22/04 23/04
 Substitute Depth 16 meters for 15 meters 58°36.5'N 16°51.7'E
 (3(1655)04 Norrkoping)

44164 1Ed. 12/2/89 LAST NM 15/04 23/04
 Delete Depth 15 meters 58°36'35.0"N 16°52'20.0"E
 Substitute Depth 16 meters for 14.7 meters 58°36'31.2"N 16°51'53.8"E
 (3(1655)04 Norrkoping)

44182 4Ed. 5/28/94 LAST NM 18/04 23/04
 Change Buoy to Y, spar, "X" topmark, Fl Y 4s 59°20'16.2"N 17°59'56.4"E
 Buoy to Y, spar, "X" topmark, Fl Y 4s 59°20'18.6"N 18°00'01.8"E
 (3(1660)04 Norrkoping)

44186 2Ed. 6/15/96 LAST NM 21/04 23/04
 Add Submarine cable [L30.1] joining 59°31'01"N 18°50'41"E
 59°30'33"N 18°50'37"E
 59°30'32"N 18°50'47"E
 Submarine cable [L30.1] between 59°26'20"N 18°39'03"E
 59°26'03"N 18°39'07"E
 (45(1510, 1511)03 Norrkoping)

44205 2Ed. 4/9/94 LAST NM 22/04 23/04
 Relocate Buoy from 60°41'13.8"N 17°16'36.6"E to 60°41'12.2"N 17°16'33.2"E
 Add Buoy G, spar 60°41'08.5"N 17°16'24.2"E
 Buoy R, spar 60°41'06.6"N 17°16'29.9"E
 Light IVQ Y 6s with visible sector 270°-322° 60°44'40.1"N 17°19'35.3"E
 (45(1509, 1513)03 Norrkoping)

44207 1Ed. 11/22/86 LAST NM 22/04 23/04
 Delete Light (Plan B) 60°56'02.8"N 17°08'49.8"E
 Light 60°56'02.0"N 17°08'45.8"E
 (3(1663)04 Norrkoping)

44220 5Ed. 8/23/97 LAST NM 20/04 23/04
 Add Light Oc(2) WRG 10s 11M with sectors obscured shore-246°, red-274°, green-279°, white-288°, red-334°, white-358° 61°53.7'N 17°21.5'E
 (Swd LL; Swd CH 525)

44223 1Ed. 9/5/92 LAST NM 15/04 23/04
 Delete Submarine pipeline between 62°28'47"N 17°20'31"E
 62°28'42"N 17°20'08"E
 Buoy (mooring) 62°20'07"N 17°24'21"E
 Buoy (mooring) 62°20'02"N 17°24'22"E
 Add Submarine pipeline [L40.1] joining 62°28'47"N 17°20'31"E
 62°28'41"N 17°20'31"E
 62°28'38"N 17°20'22"E
 (3(1646, 4(1675)04 Norrkoping)

44313 1Ed. 4/11/87 LAST NM 22/04 23/04
 Relocate Buoy from 61°22'16"N 21°27'01"E to 61°22'15"N 21°27'14"E
 (6-7(129)03 Helsinki)

44321 6Ed. 9/3/94 LAST NM 21/04 23/04
 Relocate Buoy from 59°54'57"N 22°33'29"E to 59°54'59"N 22°33'38"E
 Buoy from 59°55'11"N 22°33'30"E to 59°55'11"N 22°33'47"E
 Buoy from 59°55'15"N 22°36'54"E to 59°55'16"N 22°37'02"E
 Buoy from 59°55'01"N 22°37'57"E to 59°54'59"N 22°38'13"E
 (8(152)03 Helsinki)

44340 11Ed. 8/10/96 LAST NM 21/04 23/04
 Add Depth 8.5 meters enclosed by depth contour 59°55.2'N 24°37.9'E
 (10-meter)
 (26(547)02 Helsinki)

44367 2Ed. 2/5/94 LAST NM 20/04 23/04
 Delete Buoy (Plan B) 60°31'11.8"N 27°10'06.0"E
 Buoy 60°31'13.5"N 27°10'03.0"E
 Buoy 60°31'18.0"N 27°10'01.0"E
 Buoy 60°31'14.8"N 27°10'05.2"E
 Relocate Buoy from 60°31'18.6"N 27°10'07.2"E to 60°31'19.2"N 27°10'04.2"E
 (28(601)02 Helsinki)

SECTION I

NM 23/04

44420	6Ed. 12/14/96 LAST NM 22/04	23/04	
Add	"Spoil Ground" [N62.1] bound by dashed line joining	56°36.2'N 20°57.5'E 56°37.2'N 20°55.8'E 56°37.2'N 20°58.6'E 56°36.2'N 20°58.6'E	
	(1(6)99 Riga)		
51100	7Ed. 10/22/94 LAST NM 22/04	23/04	
Delete	R Bn at light	42°11.1'N 8°48.7'W	
	(27(433)03 Cadiz)		
51103	10Ed. 5/4/02 LAST NM 17/04	23/04	
Delete	R Bn	42°11'08.0"N 8°48'48.0"W	
Substitute	Dangerous submerged rock [K13] marked by buoy BRB, pillar, double ball topmark, Q(2) 5s 3M for rock which covers and uncovers	42°16'06.3"N 8°40'36.8"W	
	(27(432), (433)03 Cadiz; Spn LL)		
51104	1Ed. 5/4/02 LAST NM 17/04	23/04	
Substitute	Dangerous submerged rock [K13] marked by buoy BRB, pillar, double ball topmark, Q(2) 5s 3M for rock which covers and uncovers	42°16'06.3"N 8°40'36.8"W	
	(27(432)03 Cadiz; Spn LL)		
51559	3Ed. 9/14/96 LAST NM 41/02	23/04	
Add	Position circle "TR (37m)"	14°40'17.5"N 17°25'17.5"W	
	(4(345)01 Taunton)		
51600	12Ed. 9/10/94 LAST NM 39/03	23/04	
Delete	Depth 51 meters	8°56.0'N 14°25.2'W	
Add	Depth 49 meters	8°56.9'N 14°28.6'W	
	Depth 47 meters	8°55.4'N 14°26.2'W	
	(29(2900)01 Taunton)		
55046	4Ed. 11/30/96 LAST NM 19/04	23/04	
Add	Racon [S3.1] at light	41°00'30"N 29°00'12"E	
	(52(212)03 Istanbul)		
55047	8Ed. 9/16/00 LAST NM 18/04	23/04	
Add	Racon [S3.1] at light	41°00'33.0"N 29°00'07.0"E	
	(52(212)03 Istanbul)		
55048	12Ed. 9/9/00 LAST NM 15/04	23/04	
	(Panel A)		
Add	Racon [S3.1] at light	41°10'56.0"N 29°04'45.0"E	
	Racon [S3.1] to buoy	41°08'46.0"N 29°03'56.0"E	
	(See 20/03-55048)		
	(52(212)03 Istanbul)		
55161	1Ed. 8/10/96 LAST NM 42/03	23/04	
	(Plan)		
Add	"RESTRICTED AREA" [N2.1] bound by shore and purple composite line joining	41°18'35.4"N 36°20'30.6"E 41°18'33.0"N 36°20'37.2"E 41°18'22.2"N 36°20'30.6"E 41°18'24.6"N 36°20'23.4"E	
	(52(211)03 Istanbul)		
57035	10Ed. 5/3/97 LAST NM 4/04	23/04	
Add	Wreck [K29]	27°57.7'S 15°37.5'E	
	(4(40)04 Cape Town)		
57161	4Ed. 2/20/93 LAST NM 31/02	23/04	
Delete	Legend "WORLD GEODETIC SYSTEM - 1984 DATUM"	4°09'21.0"N 9°40'00.0"E	
Change	Datum Note to "Positions referred to the World Geodetic System 1984 (WGS-84) must be moved 3.6" Northward and 3.6" Eastward to agree with this chart."	4°08'15.0"N 9°37'12.0"E	
	(FR CH 6023)		
57420	3Ed. 7/20/96 LAST NM 12/03	23/04	
Add	Wreck [K29]	27°57.7'S 15°37.5'E	
	(4(40)04 Cape Town)		
62434	9Ed. 12/8/01 LAST NM 15/04	23/04	
Delete	Depth 20 meters Wk	29°39'53"N 48°45'12"E	
Substitute	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk (ED)	29°39'14"N 48°42'08"E	
	(See 23/03-62434)		
Add	Depth 20 meters Wk (unsurveyed) [K30]	29°38'10"N 48°50'13"E	
	Depth 17.7 meters Obstn (unsurveyed)	29°39'52"N 48°45'16"E	
	(14(1558)04 Taunton)		
62490	2Ed. 3/1/03 LAST NM 18/04	23/04	
Substitute	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk	29°39.2'N 48°42.1'E	
	(14(1558)04 Taunton)		
62540	6Ed. 1/26/02 LAST NM 18/04	23/04	
Substitute	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk	29°39.2'N 48°42.1'E	
Add	Depth 11 meters Obstn (unsurveyed)	29°36.0'N 48°49.7'E	
	Depth 9 meters Obstn (unsurveyed)	29°36.8'N 48°58.2'E	
	Depth 20 meters Wk (unsurveyed) [K30]	29°38.2'N 48°50.2'E	
	Depth 15 meters Wks (unsurveyed) [K30]	29°36.1'N 48°50.8'E	
	(14(1558)04 Taunton)		
62541	3Ed. 1/26/02 LAST NM N18/04	N23/04	
Substitute	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk	29°39.2'N 48°42.1'E	
Add	Depth 11 meters Obstn (unsurveyed)	29°36.0'N 48°49.7'E	
	Depth 9 meters Obstn (unsurveyed)	29°36.8'N 48°58.2'E	
	Depth 20 meters Wk (unsurveyed) [K30]	29°38.2'N 48°50.2'E	
	Depth 15 meters Wks (unsurveyed) [K30]	29°36.1'N 48°50.8'E	
	(14(1558)04 Taunton)		
62570	4Ed. 1/26/02 LAST NM 18/04	23/04	
Substitute	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk	29°39'14"N 48°42'08"E	
Add	Depth 11 meters Obstn (unsurveyed)	29°35'59"N 48°49'40"E	
	Depth 9 meters Obstn (unsurveyed)	29°36'46"N 48°58'10"E	
	Depth 20 meters Wk (unsurveyed) [K30]	29°38'10"N 48°50'13"E	
	Depth 15 meters Wks (unsurveyed) [K30]	29°36'08"N 48°50'47"E	
	(14(1558)04 Taunton)		
62590	2Ed. 5/29/99 LAST NM 18/04	23/04	
Substitute	Depth 17.7 meters Obstn (unsurveyed) for 20 meters Wk	29°39'53"N 48°45'12"E	
	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk (ED)	29°39'14"N 48°42'08"E	
	(See 23/03-62590)		
Add	Depth 21 meters Obstn (unsurveyed)	29°37'34"N 48°57'50"E	
	Depth 11 meters Obstn (unsurveyed)	29°35'59"N 48°49'40"E	
	Depth 20 meters Wk (unsurveyed) [K30]	29°38'10"N 48°50'13"E	
	Depth 15 meters Wks (unsurveyed) [K30]	29°36'08"N 48°50'47"E	
	Depth 9 meters Obstn (unsurveyed)	29°36'46"N 48°58'10"E	
	(14(1558)04 Taunton)		

62591	3Ed. 5/29/99 LAST NM N18/04	N23/04	
Substitute	Depth 17.7 meters Obstn (unsurveyed) for 20 meters Wk	29°39'53"N 48°45'12"E	
	Depth 8 meters Wk (unsurveyed) [K30] for 2 meters Wk (ED)	29°39'14"N 48°42'08"E	
	(See N23/03-62591)		
Add	Depth 21 meters Obstn (unsurveyed)	29°37'34"N 48°57'50"E	
	Depth 11 meters Obstn (unsurveyed)	29°35'59"N 48°49'40"E	
	Depth 20 meters Wk (unsurveyed) [K30]	29°38'10"N 48°50'13"E	
	Depth 15 meters Wks (unsurveyed) [K30]	29°36'08"N 48°50'47"E	
	Depth 9 meters Obstn (unsurveyed)	29°36'46"N 48°58'10"E	
	(14(1558)04 Taunton)		
63000	13Ed. 3/22/86 LAST NM 40/03	23/04	
Add	Depth 392 fathoms	21°19.3'N 67°58.8'E	
	Depth 194 fathoms	21°14.1'N 68°11.0'E	
	Depth 277 fathoms	21°10.3'N 68°29.5'E	
	Depth 87 fathoms	21°12.7'N 68°48.4'E	
	(37(3413)99 Taunton)		
63070	3Ed. 10/3/81 LAST NM 16/03	23/04	
Add	Depth 392 fathoms	21°19.3'N 67°58.8'E	
	Depth 332 fathoms	21°14.4'N 68°04.5'E	
	Depth 194 fathoms	21°14.1'N 68°11.0'E	
	Depth 189 fathoms	21°11.5'N 68°24.2'E	
	Depth 277 fathoms	21°10.3'N 68°29.5'E	
	Depth 87 fathoms	21°12.7'N 68°48.4'E	
	Depth 51 fathoms	21°10.1'N 69°00.0'E	
	(37(3413)99 Taunton)		
83034	1Ed. 7/28/90 LAST NM 12/02	23/04	
Substitute	Depth 8.8 meters for 5.5 meters	17°53.8'S 178°56.1'W	
	(36(3360)99 Taunton)		
83039	11Ed. 5/26/84 LAST NM 6/03	23/04	
Substitute	Depth 4.8 fathoms for 3 fathoms	17°53.8'S 178°56.1'W	
	(36(3360)99 Taunton)		
83500	1Ed. 4/25/87 LAST NM 12/02	23/04	
Substitute	Depth 8.8 meters for 5.5 meters	17°53.8'S 178°56.1'W	
	(36(3360)99 Taunton)		
83580	2Ed. 5/18/96 LAST NM 45/03	23/04	
Substitute	Depth 8.8 meters for 5.5 meters	17°53.8'S 178°56.1'W	
	(36(3360)99 Taunton)		
93730	3Ed. 6/29/96 LAST NM 17/04	23/04	
Add	Depth 21.5 meters Obstn [K41]	22°18.9'N 114°20.6'E	
	(8(18)04 Hong Kong)		
93733	13Ed. 6/28/97 LAST NM 16/04	23/04	
Add	Depth 21.5 meters Obstn [K41]	22°18'52"N 114°20'36"E	
	(8(18)04 Hong Kong)		
93734	12Ed. 9/6/03 LAST NM 4/04	23/04	
Delete	Depth 8.1 meters, blue tint and enclosing depth contour (10-meter) centered	22°13'51.2"N 114°05'57.9"E	
Add	Depth 9.7 meters, blue tint and enclosing depth contour (10-meter) centered	22°13'57.1"N 114°06'03.8"E	
	Depth 2.7 meters enclosed by depth contour (5-meter)	22°13'58.9"N 114°06'16.4"E	
	(9(20)04 Hong Kong)		
94033	5Ed. 10/28/95 LAST NM 19/04	23/04	
Delete	Dangerous wreck	37°35.1'N 122°45.5'E	
	(36(3348)99 Taunton)		
94080	7Ed. 9/23/95 LAST NM 17/04	23/04	
Add	Buoy Y, pillar, Fl R 4s	22°18.8'N 120°21.1'E	
	(44/03 Tso-ying)		
94082	8Ed. 2/26/00 LAST NM 15/04	23/04	
Add	Buoy Y, pillar, Fl R 4s	22°18'50"N 120°21'04"E	
	(44/03 Tso-ying)		
94120	6Ed. 9/9/95 LAST NM 15/04	23/04	
Add	Wreck [K29]	25°29.0'N 122°12.0'E	
	Wreck [K29]	25°48.0'N 121°51.0'E	
	(11, 19/04 Tso-ying)		
94123	9Ed. 5/11/96 LAST NM 28/03	23/04	
Add	Stranded wreck [K24]	25°11'48"N 121°41'36"E	
	(17/04 Tso-ying)		
94124	13Ed. 3/30/96 LAST NM 28/03	23/04	
Add	Stranded wreck [K24]	25°11'48.0"N 121°41'36.0"E	
	(17/04 Tso-ying)		
94440	2Ed. 7/1/95 LAST NM 18/03	23/04	
Delete	Dangerous wreck and buoy	37°35.1'N 122°45.5'E	
	(36(3348)99 Taunton)		
96943	15Ed. 12/9/95 LAST NM 19/04	23/04	
Change	Light to Fl G 3s 14m 7M	41°24'42"N 141°25'54"E	
	(26(1112)99 Tokyo; Jpn LL)		
96947	15Ed. 5/16/98 LAST NM 13/03	23/04	
Add	Legend "Lesser depths reported (2004)"	41°48'35.0"N 140°42'06.0"E	
	Legend "Lesser depths reported (2004)" between	41°48'26.0"N 140°41'50.0"E	
		41°48'13.0"N 140°42'21.0"E	
	(14(400)04 Tokyo)		
96962	4Ed. 8/9/97 LAST NM 33/03	23/04	
Change	Light to Fl G 3s 14m 7M	41°24'42"N 141°25'54"E	
	(26(1112)99 Tokyo; Jpn LL)		
97026	10Ed. 4/1/89 LAST NM 23/02	23/04	
Change	Visibility (range) of light to 22M	25°57.0'N 131°17.6'E	
	(26(1123)99 Tokyo; Jpn LL)		
97040	5Ed. 6/14/97 LAST NM 47/02	23/04	
Change	Light to Fl G 3s 14m 7M	41°24'42"N 141°25'54"E	
	(26(1112)99 Tokyo; Jpn LL)		
97167	2Ed. 9/9/95 LAST NM 21/03	23/04	
Add	Buoy "A" G, pillar, can topmark, Fl G 4s	34°39'35"N 138°56'55"E	
	Buoy "B" G, pillar, can topmark, Fl G 4s	34°39'37"N 138°56'57"E	
	Buoy "A" Y, pillar, "X" topmark, Fl Y 3s	34°39'20"N 138°57'07"E	
	Buoy "B" Y, pillar, "X" topmark, Fl Y 3s	34°39'33"N 138°57'12"E	
	Buoy "C" Y, pillar, "X" topmark, Fl Y 3s	34°39'31"N 138°57'18"E	
	Buoy "D" Y, pillar, "X" topmark, Fl Y 3s	34°39'18"N 138°57'15"E	
	Light Fl R 4s 6m 3M	34°39'33"N 138°56'59"E	
	Position circle "2 Y Lts"	34°39'31"N 138°57'02"E	
	Double solid line with land tint (breakwater) [F4.1] between	34°39'27"N 138°57'13"E	
		34°39'26"N 138°57'15"E	
	(7(183)04 Tokyo)		
97200	9Ed. 8/26/95 LAST NM 17/04	23/04	
Add	Submarine cable (power) [L31.1] joining	33°58'46"N 135°05'16"E	
		33°59'40"N 135°04'07"E	
		34°00'02"N 135°03'17"E	
		33°59'35"N 135°01'22"E	
		33°55'11"N 134°53'01"E	
		33°53'33"N 134°49'23"E	
		33°52'14"N 134°48'14"E	
		33°52'02"N 134°43'07"E	
			(continued on next page)

97200	(Continued)		
		33°51'36"N 134°42'28"E	
		33°51'14"N 134°40'26"E	
		33°51'00"N 134°38'58"E	
		33°50'36"N 134°38'52"E	
	(26(1118)99 Tokyo)		
97232	9Ed. 10/25/03 LAST NM 7/04		23/04
	Add Fish haven symbol [K46.1]	34°14'42.0"N 134°41'24.0"E	
	(14(392)04 Tokyo)		
97241	6Ed. 2/21/98 LAST NM 1/04		23/04
	Add Fish haven area [K46.1] bound by dotted line		
	(limiting danger line) joining	33°54'21.1"N 132°43'01.7"E	
		33°54'21.8"N 132°43'02.0"E	
		33°54'20.0"N 132°43'10.0"E	
		33°54'19.3"N 132°43'09.7"E	
	(14(393)04 Tokyo)		
97261	15Ed. 1/31/98 LAST NM 22/04		23/04
	Change Characteristic of buoy to Iso 4s	33°54'35"N 132°57'51"E	
	(46(1706)03 Tokyo)		
97266	5Ed. 7/5/97 LAST NM 7/04		23/04
	Change Characteristic of buoy to Iso 4s	33°54'35"N 132°37'53"E	
	(46(1706)03 Tokyo)		
97380	7Ed. 8/23/97 LAST NM 17/04		23/04
	Change Light to Fl 3s 3M	33°42.5'N 129°41.6'E	
	(46(1706)03 Tokyo; Jpn LL)		
97420	17Ed. 9/20/97 LAST NM 17/04		23/04
	Change Light to Fl 3s 3M	33°42.5'N 129°41.6'E	
	(46(1706)03 Tokyo; Jpn LL)		
97425	6Ed. 1/30/99 LAST NM 2/04		23/04
	Change Light to Fl 3s 11m 3M	33°42'27"N 129°41'38"E	
	(46(1706)03 Tokyo; Jpn LL)		
97460	7Ed. 8/17/96 LAST NM 9/04		23/04
	Change Visibility (range) of light to 22M	25°57.0'N 131°17.6'E	
	Legend to "97501 PLAN A"	25°46.0'N 131°22.0'E	
	(NGA; 26(1123)99 Tokyo; Jpn LL)		
97480	7Ed. 6/1/96 LAST NM 15/04		23/04
	Add Wreck [K29]	25°29.0'N 122°12.0'E	
	Wreck [K29]	25°48.0'N 121°51.0'E	
	(11, 19/04 Tso-ying)		
97501	2Ed. 4/3/04 LAST NM 21/04		23/04
	Add Legend "PLAN A"	25°45'12"N 131°07'54"E	
	Legend "PLAN B"	24°30'06"N 131°07'00"E	
	(Plan A)		
	Change Visibility (range) of light to 22M	25°56'59"N 131°17'38"E	
	(NGA; 26(1123)99 Tokyo; Jpn LL)		
802260	5Ed. 5/15/93 LAST NM N1/04		N23/04
	Delete Buoy (Navy Maintd)	33°01'36"N 118°33'44"W	
	(9/04 CG11)		
805980	4Ed. 9/15/90 LAST NM N14/00		N23/04
	Add Wreck [K29]	20°37'47"N 156°50'14"W	
	(4/04 CG14)		

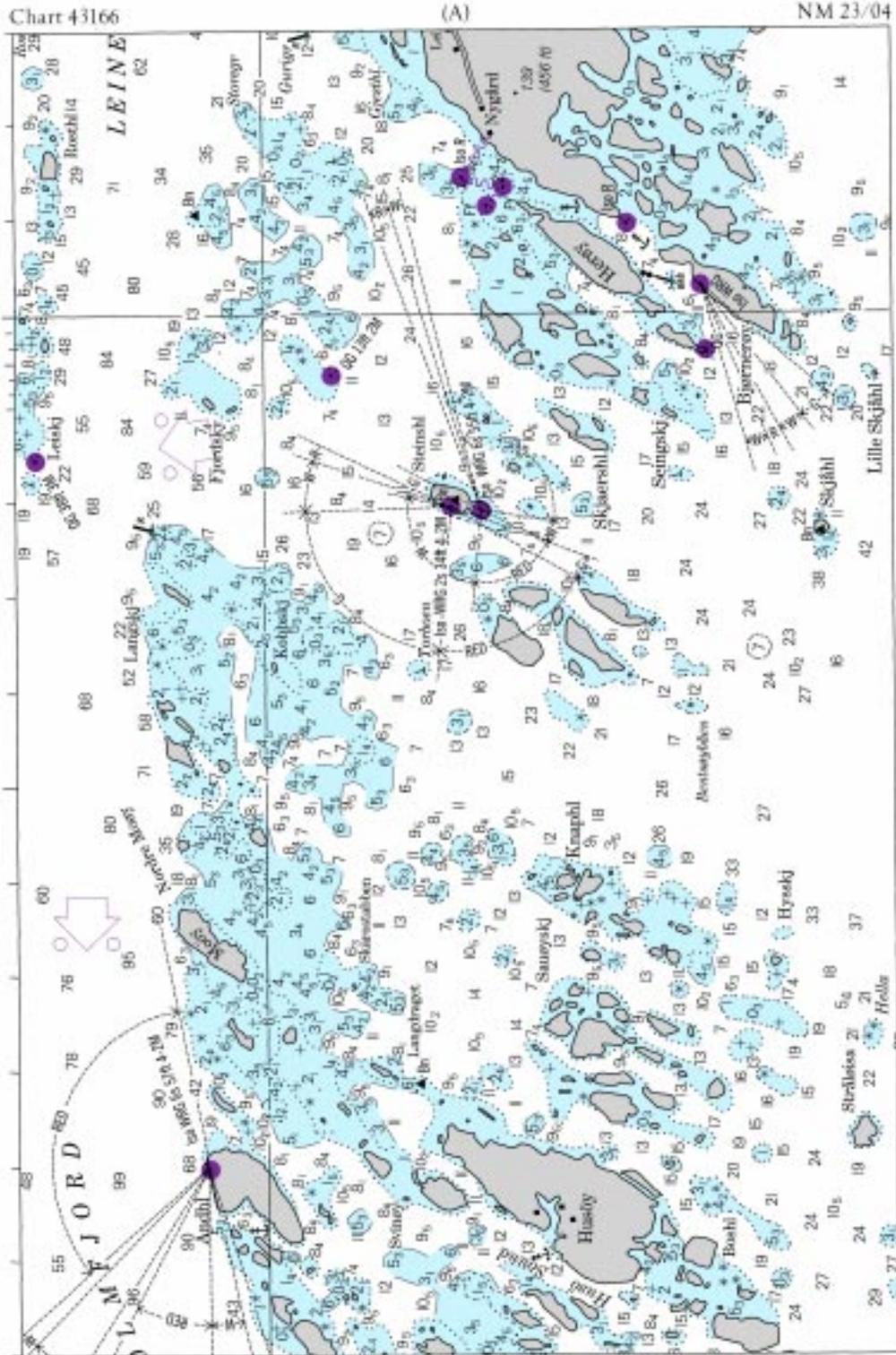


Chart 43166

(B)

NM 23/04

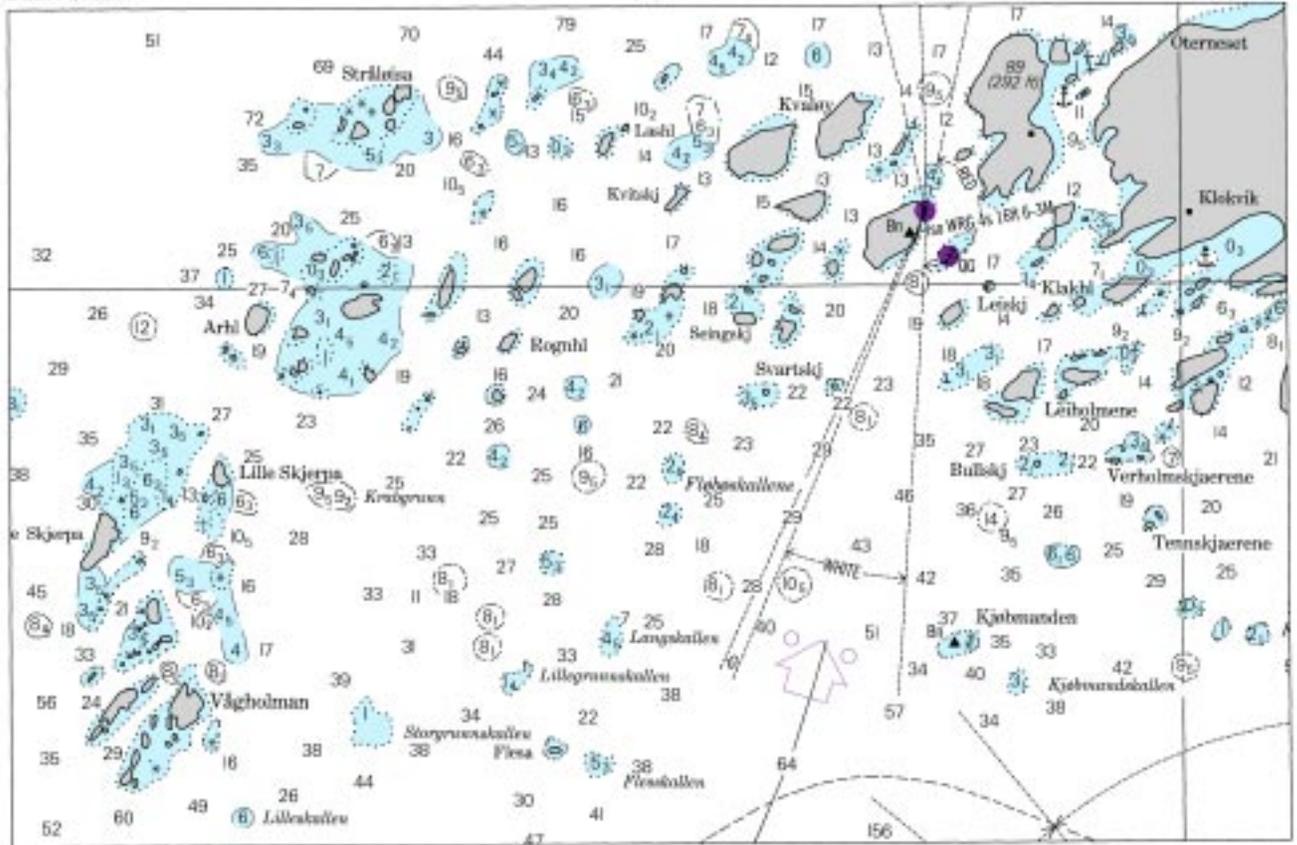
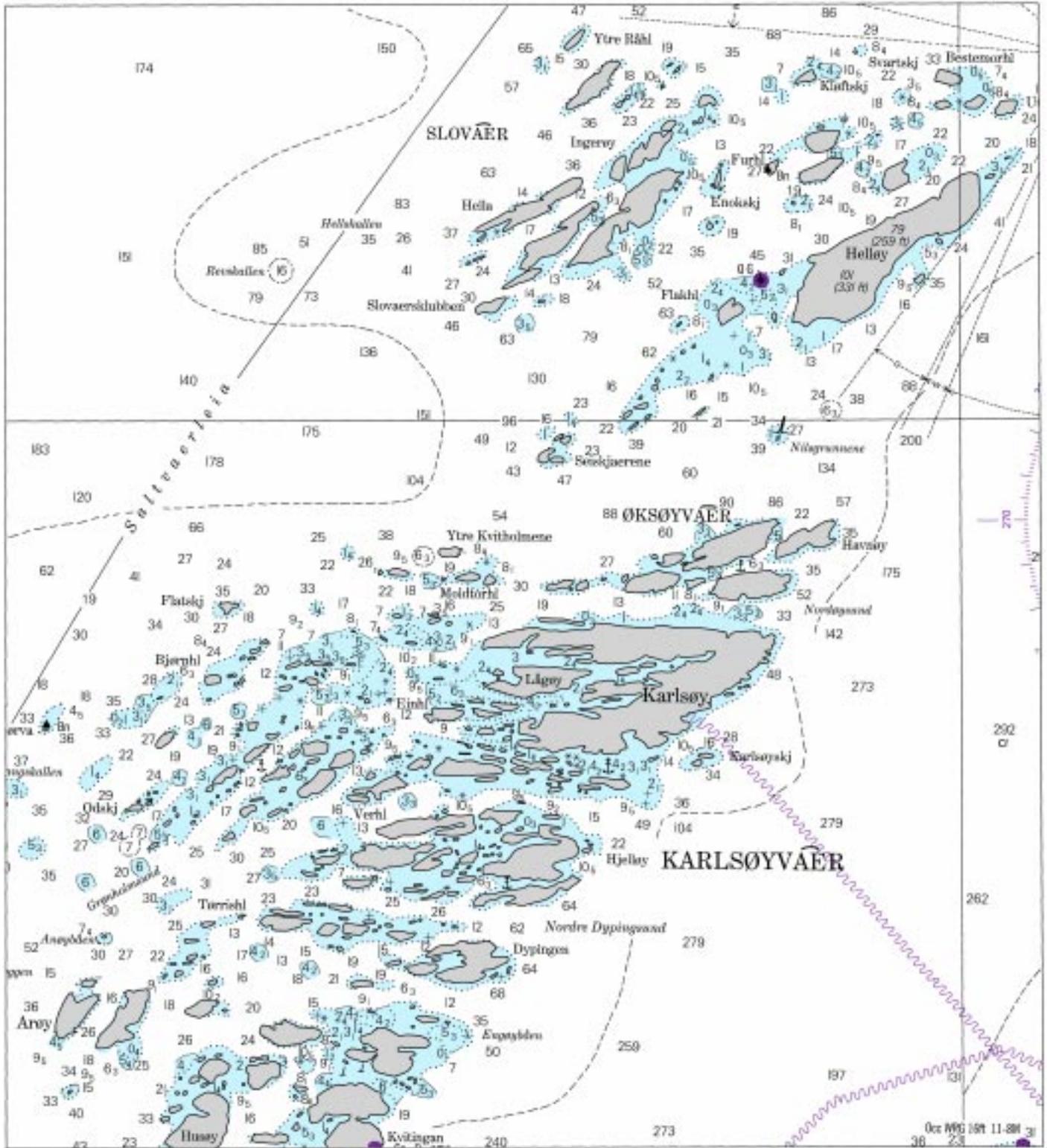


Chart 43166

(C)

NM 23/04



SECTION I

NM 23/04

Chart 18587

NM 23/04

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	39	39	38	2-04	---	1.9	47-37
ENTRANCE RANGE AND TURN	39	46	32	8-03	300-1050	0.5	37
INSIDE RANGE	38	38	38	8-03	300	0.6	37
COOS BAY RANGE	36	37	37	8-03,2-04	300	1.6	37
EMPIRE RANGE	36	37	38	2-04	300	1.3	37
LOWER JARVIS RANGE	35	35	36	2-04	300	0.8	37
JARVIS TURN	37	38	38	2-04	300	0.5	37
UPPER JARVIS RANGE	33	34	34	2-04	300-700	1.9	37
NORTH BEND LOWER RANGE	38	38	37	2-04	400	0.4	37
NORTH BEND RANGE	32	37	33	2-04	400	0.9	37
NORTH BEND UPPER RANGE	35	38	37	2-04	400	0.6	37
LOWER TURNING BASIN	35	38	36	2-04	400-900	0.3	37
FERNDALE LOWER RANGE	39	39	38	2-04	400	0.4	37
FERNDALE TURN	36	38	38	2-04	400	0.2	37
FERNDALE UPPER RANGE	26	36	34	2-04	400	0.7	37
MARSHFIELD RANGE	37	36	33	2-04	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	35	33	31	2-04	150-750	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18754

NM 23/04

NEWPORT BAY CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	18.7	20.7	20.3	9.5	10-03	500	0.6	20
CORONA DEL MAR BEND	19.3	19.0	19.7	15.1	10-03	200-500	0.3	20
BALBOA REACH	15.1	14.4	13.8	12.8	10-03	200	0.5	20
HARBOR ISLAND REACH	15.7	15.7	15.4	11.5	10-03	200	0.7	20
LIDO ISLE REACH	13.1	13.8	14.4	9.2	10-03	200	0.8	20
TURNING BASIN	14.4	15.1	14.7	13.8	4-02, 10-03	200-1000	0.3	20
BALBOA ISLAND, NORTH CHANNEL	5.2	6.2	7.2	6.5	4-02, 10-03	200	0.9	10

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
20	3	18/03									
21	4	4/04									
22	1	18/03;4/04									
50	6	32*,34,40,50/03									
53	2	34,50/03									
70	4	34/03									
71	4	34/03									
73	4	34/03									
103	5	16/03;9/04									
108	9	34,39/03;19,21/04									
120	6	39/03									
124	10	18,34,39/03									
125	7	21/03									
126	39	21/03									
145	16	39/03									
200	3	37/03									
204	4	4/04									
211	5	4/04									
301	1	21,24/03									
310	20	21,24,52/03;6/04									
400	3	29,33,34/03;6,19/04									
401	5	29,33,34,44/03;6,19,21/04									
411	49	19*,22,23,24,25,26,29,30,31,33,44,52/03;1,5,6,16,19,21/04									
500	8	32*,34,41/03									
501	12	18,21,22,24,40,41/03;4,6,11,19/04									
502	2	40,44/03;11/04									
503	4	1/04									
504	4	23/04									
510	3	40/03;17/04									
511	4	17/04									
512	2	11,20/04									
513	6	34,50/03;18/04									
514	7	16/04*									
520	127	34,40,41/03;4,11/04									
521	11	34,50/03;11,20/04									
523	8	34,50/03;11,20/04									
524	12	34/03									
525	3	40/03									
530	30	18,21,22,24,34,40,41,44,50/03;4,7,11,19,21,23/04									
531	22	21/04*									
532	17	34,50/03;11,15,20/04									
540	17	16*,23/04									
600	5	45/03									
601	4	27,38/03									
602	6	38/03									
604	5	38/03;22/04									
606	1	17/03									
607	1	17,45/03									
623	9	19,36/03									
624	3	7/04									
703	4	44/03									
706	4	44/03									
707	2	34,44/03									
708	3	34,36/03									
709	2	19,25/03									
800	4	15,20/04									
803	1	15/04									
1113A		20*,21,22,25,52/03;16/04									
1114A		16/04									
1115A		19,23,24,25,26,27,29,30,34,35,37,38,49,50,51,52/03;1,2,3,5,7,11,13,14,15,20,22/04									
1116A		37*,38,45,46,49,50,51,52/03;1,2,3,4,5,6,7,10,13,14,15,16,17,19,20,23/04									
1117A		28*,30,31,32,34,35,36,44,45,50,51/03;5,6,7,10,15,18,20,23/04									
5161	13	48/03*									
11004	7	18,21,22,23,24,25,26,27,29,30,32,34,36,37,38,44,51/03;1,3,4,5,6,10,13,14,15,16,18,23/04									
11006	31	47*,49,50/03;3,5,6,13,16,20/04									
11009	36	19,39,52/03;5,21/04									
11013	45	38*,40,50,52/03;16,19/04									
11300	39	28*,30,31,32,34,35,36,44,45,50,51/03;5,6,7,10,15,18,20,23/04									
11301	23	16,24,32/03;1,7,17/04									
11302	30	48/03*;1,7,17/04									
11304	12	5/04									
11305	1	N32/03;N1,N13,N23/04									
11307	36	22,24,27,35,52/03;1/04									
11308	22	23,25,32/03;13,23/04									
11309	37	48*,50/03;1,13,23/04									
11310	1	N22,N23,N32/03;N1,N12/04									
11311	23	26/03;1,12/04									
11312	3	22,23,32/03;1,13/04									
11313	22	22,27,36,52/03;4,14,20/04									
11314	23	15/04*									
11315	31	48/03*									
11316	39	17*,22,26,29,34/03;1,15/04									
11317	30	12*,19/04									
11318	1	N24,N25,N44,N50/03;N1,N13,N23/04									
11319	31	17*,19,20,25,26,29,30,34/03									
11320	1	N22,N23,N24,N52/03									
11321	29	23,31,34/03;7,10,13,14,18,20/04									
11322	28	19*,20,23,30,34,35,42,47/03;1,7,14,17/04									
11323	60	47*,49,51/03;1,3,5,6,9,15,17,19,20/04									
11324	33	47*,49,52/03;1,14,17,19,20/04									
11325	35	26*,38,42,47/03;1,14,17/04									
11326	32	15*,16,17,19,20,23/04									
11327	31	46*,52/03;1,14,16,17,19/04									
11328	23	43*,52/03;1,2,4,6,7,14,17,23/04									
11329	35	48*,49,52/03;2,6,7,14,17,23/04									
11330	15	50*,51/03;1,2,4,5,6,7,10,13,14,15,17,20,23/04									
11331	19	12*,14/04									
11332	28	17,19,20,23,25,31,34,35,37,47,52/03;1,2,4,5,6,12,17/04									
11333	1	N35/03									
11340	68	37*,38,45,46,49,50,51,52/03;1,2,3,4,5,6,7,10,13,14,15,16,17,19,20,23/04									
11341	40	18/04*									
11342	52	27*,29,31,34,35,42,46,47/03;1,6,13,14,17/04									
11343	37	48*,49,50/03;4,17/04									
11344	35	19,22,23,26,27,29,31,34,38,43,46,47/03;4,5,9,14,16,17/04									
11345	31	38/03;4/04									
11347	33	19,20,21,23,25,26,27,29,31,32,43,47,48,50,51/03;4,9/04									
11348	20	43*,47,51/03;4/04									
11349	41	22*,23/04									
11350	25	43/03*									
11351	38	20*,22,23,25,27,30,31,34,48,50,51,52/03;1,3,5,10,12,13,14,15/04									
11352	37	13*,14,15,20/04									
11353	3	9*,13,14,19/04									
11354	24	26*,31,34,48,51/03;1,10,12,14,15/04									
11355	26	23/04*									
11356	35	38*,51,52/03;3,4,6,13,14,19/04									
11357	36	38*,52/03;2,3,5,12,14,15,17,20,23/04									
11358	52	41*,49,50,51/03;2,3,5,6,7,14,19,23/04									
11359	11	49,50/03;19/04									
11360	40	19,23,24,25,26,27,29,30,34,35,37,38,49,50,51,52/03;1,2,3,5,7,11,13,14,15,20,22/04									
11361	71	11*,12,13,17,19,23/04									
11362	4	N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38,N49,N50,N51,N52/03;N1,N2,N3,N5,N7,N11,N13,N14,N15,N20,N22/04									
11363	39	47*,50,51/03;1,4,5,6,12,13,14,17,20,23/04									
11364	39	18,19,21,23,25,26,27,30,33,34,35,43,50,51/03;1,4,6,13,14,21/04									
11365	17	32,34,50/03;3,6,7,14,15,20,23/04									
11366	8	52/03*;1,3,5,7,11,12,13,14,15,19,23/04									
11367	32	38*,45,46,51/03;14/04									
11368	22	19,21,23,30,33,34,35,45,46,51,52/03;14/04									
11369	44	18,19,21,27,43,50/03;1,6,13/04									
11370	24	38/03*;4,13,18/04									
11371	36	35*,48/03;4,6,12/04									
11372	31	23/04*									
11373	43	48*,49/03;1,3,4,5,7,14,17,20,22/04									
11374	32	2*,7,14,17,20,22/04									
11375	35	20,23,24,27,29,47,51/03;1,7,14,17,20,22/04									
11376	49	48*,49/03;5,7,11,16,17,19,20,23/04									
11377	5	38*,44/03;7,14,17,20,23/04									
11378	33	16*,20,23/04									
11382	40	18/04*									
11383	50	52/03*;13/04									
11384	34	2*,13/04									
11385	26	23/04*									
11388	17	18*,20/04									
11389	32	32,42,51/03;2,7,13,14,16,17,23/04									
11390	23	19*,20,23/04									
11391	23	2*,3,7,14,16,17,23/04									
11392	6	21,32,50/03;3,14/04									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12241	21	34/03;2/04	13009	30	18,23,36,39,44,45,48/03;	14006		N23/04*	14240	6	43/03**
12243	13	12,20/04			6,16/04	14007		N38/03*;N14/04	14241	23	39/03**
12244	13	20/04	13200	33	18,36,39,44,45,48/03;	14008	76	38/03**	14242	13	40/03**
12245	62	30*,33,34,49/03;4,7,10,12,15/04			6/04	14010	5	26,32/03;14/04	14243	8	39/03**
12248	40	44/03*;4,15/04	13201	10	N18,N36,N39,N44,N45,N48/03;N6/04	14011		N23/04*	14244	5	39/03**
12251	23	15,26/03;12/04				14014	82	1/04	14245	4	39/03**
12252	23	15,17,30,35,45,49/03;16,20/04	13203	12	48/03	14024	5	22,36,47/03	14246	6	39/03**
12253	43	35/03*;2,10,13,15,19/04	13204	12	44/03;6/04	14040	65	34,49/03	14247		N39/03*;N5,N6/04
12254	44	16/04*	13205	36	23/03;2,17/04	14041	12	34,36,42/03	14248		N40/03*
12255	15	30,34/03	13209	23	23/03;2,17/04	14042	3	34,42/03	14249		N39/03*;N5/04
12256	14	48/03*;2,12/04	13211	13	45/03	14043	7	21,26,49/03	14250		N40/03*
12261	28	18,22,48/03;20/04	13212	36	18/04*	14044	44	47,49/03;1/04	14251		N40/03*
12263	53	11*,14/04	13213	41	18*,20,23/04	14046	2	47,49/03;9/04	14252		N40/03*;N14/04
12264	28	42,44,48,52/03	13214	27	2,17/04	14062	17	32,36/03;1,5,9/04	14253		N40/03*;N9/04
12266	28	8/04*	13215	17	6/04	14066	19	34,42,47/03;5/04	14254		N40/03**
12270	33	15/04*	13216	1	N2/04	14067	11	14/04	14259	3	40/03**
12272	29	16,30,33,38/03;7/04	13217	14	6/04	14081	21	36,47/03;2/04	14260	47	39/03**
12273	54	47/03*;7,20/04	13218	38	46,50,52/03;19,20,22,23/04	14085	6	49/03;15/04	14263	15	40/03**
12274	33	15,17,30,33/03;20/04	13221	54	15*,19,20,23/04	14088	10	34/03;5/04	14264	4	40/03**
12277	32	35*,51/03;20/04	13223	37	16*,20,23/04	14089	29	34/03	14280	37	40/03**
12278	73	8/04*	13224	37	22/04*	14105	19	47/03	14310	2	40/03**
12280	4	52/03*;2,7,9/04	13225	33	15,19/04	14110	42	32,44/03;1/04	14319		N19/04*
12281	49	19,25,38,44,48,49/03;1,16,20/04	13226	6	17*,19/04	14111	7	32,34,42,44/03	14325	13	6/04
12282	34	43/03*	13227	13	49/03;19/04	14112	5	32,42,44/03;1/04	14328	6	47/03;9/04
12283	24	18,25/03	13228	11	22,23/04	14115	2	47/03	14329	5	32,47,49/03;1/04
12284	15	42,48/03	13229	28	12*,13,19,22,23/04	14128	6	4/04	14340	25	22,30,49/03;1,9,15/04
12285	36	19/04*	13230	47	15*,19,22,23/04	14135	2	14/04	14341	5	34,47,49/03
12286	29	42,52/03	13232	4	19,23/04	14136	2	1/04	14342	20	30,49/03;9/04
12288	19	9/04	13233	16	39/03;4,22,23/04	14141	17	47/03	14344	2	49/03
12289	48	19,22/03;13/04	13235	6	23/04*	14143		N38/03*;N4,N15/04	14345	5	22,49/03
12300	43	19*,39,44,48,49/03;6,17,20/04	13236	29	19,50/03;1/04	14144	29	38/03**	14349	7	42,47/03;5,6/04
12301	21	N17,N39,N44,N48,N49/03;N6,N20/04	13237	39	27*,39/03;13,23/04	14145	2	47/03;15/04	14353	3	42/03
12304	43	21*,26,48,52/03;2,5,9,22/04	13241	15	23/04	14146	2	32,49/03;6/04	14354	2	32,42,50/03
12311	42	36*,48,51/03;1,10,16,22/04	13242	17	23/04	14151	2	32,34,38/03;1,4/04	14355	3	50/03
12312	52	15,24,32,51/03;1,10,16,22/04	13244	39	32/03	14156	2	14/04	14357		N49/03;N4,N15/04
12313	49	35*,43,52/03;8,15,22/04	13246	37	36*,42/03	14167		N6,N14/04	14358		N34,N47/03;N1,N5,N15/04
12314	30	25,33,35/03;19,22/04	13249	12	22/03*	14168		N37/03	14360	36	47/03;4,5,6,15/04
12316	30	12*,19/04	13260	9	7,9/04	14169	2	32,38,42,49/03	14364	6	4/04
12317	31	19/04	13270	60	50/03*;9,15/04	14173	2	38/03	14373	2	34,49/03;1,4/04
12318	41	32,44/03;6,22/04	13272	48	18*,20,23/04	14174		N42/03*;N14/04	14380	19	49/03;6/04
12323	23	6/04	13274	25	43/03*;6,15,23/04	14175		N43/03*;N9/04	14386	3	6/04
12324	31	15*,19/04	13275	28	45/03*;15/04	14176		N38/03*	14404	4	47/03
12326	49	35*,49/03	13276	22	36/03*	14177		N40/03*	14415	4	36/03
12327	97	48*,49/03;17,20,22/04	13278	25	32,39/03;23/04	14180	38	42/03**	14420	27	40/03**
12331	30	18,33/03;22/04	13279	30	20*,32,39/03;17,23/04	14181	3	43/03**	14756		N50/03;N11/04
12332	21	18/03;22/04	13281	17	17,23/04	14183	15	38/03**	14757		N15/04
12333	33	44*,49/03;17/04	13282	11	21*,39/03	14184		N32,N44,N47,N49/03	14758		N32,N49/03
12334	66	30*,34,36/03;20/04	13283	18	4,6/04	14185	2	40/03**	14769		N13/04**
12335	40	47/03*	13285	10	20/03;4/04	14186	2	40/03**	14773	16	26/03
12337	22	18/03;22/04	13286	30	22/04*	14187	2	38/03**	14774	16	15/03
12338	9	21/03*;19/04	13287	11	20/04	14188	1	42/03	14776	24	47/03
12339	44	50/03*;23/04	13288	40	29,42,44,45/03;20,23/04	14189	2	36,42,44/03;4,6,15/04	14778	19	47/03
12341	26	36/03*	13290	35	39*,42,44,49/03;20,23/04	14190	2	37,42/03;14/04	14785	17	18/04*
12343	18	21,27/03				14191		N38/03*	14786	13	49/03;19/04
12345	10	21/03	13292	36	16,29,42,44,49/03;20,23/04	14192		N38/03*;N9/04	14791	18	22/04*
12347	29	27,29,35/03				14193		N38/03*;N15/04	14800	9	20/04
12348	33	27,29,34/03	13293	33	27/03	14195		N42/03*;N15/04	14802	30	20/04
12350	58	17/04*	13296	25	27/03	14196		N38/03*;N15/04	14803	26	49/03
12352	30	46/03*	13301	20	23,42,45/03	14197		N38/03*;N15/04	14805	24	21/04*
12353	18	8/04*	13302	21	32,42,45,52/03;8/04	14198		N43/03*	14811	16	20/04
12354	40	38/03*;2,17/04	13305	28	36,44/03;8/04	14200	2	38/03**	14813	21	49/03;19/04
12363	39	23,27,32,36/03	13307	10	23,28,44/03;8/04	14201	15	38/03**	14815	22	43/03
12364	34	20*,23,25,27,32,36,39/03	13308	12	22/04*	14203	12	42/03**	14816	24	17/04*
12365	26	23/03	13309	28	32,52/03;15/04	14204	21	38/03**	14820	20	15/04*
12366	27	20,27/03	13313	19	36/03	14205	7	38/03**	14824	26	5*,19/04
12368	26	24,25/03	13316	22	28/03*	14206	20	43/03**	14826	27	49/03;8,20/04
12369	25	32,35,36,43/03	13318	18	21/03	14208	28	38/03**	14829	6	15/04*
12371	23	27*,52/03;19/04	13321	9	20/03*	14209		N38/03*;N15/04	14830	30	31*,34,47/03;15,20/04
12372	32	8*,17,20,23/04	13324	14	5/04*	14211		N40/03*	14832	34	49,51/03
12373	14	17/04	13325	14	29/03;7/04	14212		N38/03*;N11,N15/04	14833	26	18*,19/04
12378	14	23/03	13326	12	7/04	14213		N39/03*;N5/04	14835	31	7/04
12401	7	33,41/03;22/04	13394	3	21,42/03	14214		N39/03*	14836	27	10/04
12402	8	34,41/03	13396	4	19,21/03	14215		N39/03*	14837	27	5/04
13000		N21,N26,N29/03	14000		N23/04*	14216		N39*,N44/03;N5,N15/04	14839	36	43,49,51/03;5,8/04
13003	47	36*,39,44,45,48,52/03;6,16,17/04	14001		N23/04*	14217		N43/03*	14841	28	14/04*
13006	31	36*,39,44,45,48/03;6,16/04	14002	57	23/04**	14218		N39/03*;N6/04	14842	13	46*,51/03;10/04
			14003	6	29,39,48/03;6,16/04	14219		N40/03*;N6,N19/04	14843	23	18/04*
			14004		N23/04*	14220		N39/03*	14844	32	18/04*
			14005	78	23/04**	14222	16	40/03**	14845	27	14/04*
						14223	18	38/03**	14846	12	16/04*
						14224		N39/03*	14847	30	43,47/03
						14225	17	39/03**	14848	56	17,21,22/03;15,20/04
						14226	32	39/03**	14850	52	2/04*
						14227	28	39/03**	14852	45	19*,21/03;2,10,15,21/04
						14228	11	39/03**	14853	14	26/03*;10,15,21/04
						14229		N39/03*;N5/04	14854	13	17/03;15/04

SECTION I

NM 23/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14864	26	1,8/04	16011	35	29,31,32,35,44,50/03;	16663	7	17/04*	17429	2	N13/04
14867	26	39/03*			1/04	16665	8	15/04*	17430	10	36/03;13/04
14869	26	8/04	16012	21	34,50/03	16680	10	32,37/03;15/04	17431	11	21/04*
14871	2	34/03	16013	29	10/04*	16682	16	17/04*	17432	7	23/04*
14880	31	15/04*	16016	20	9/04*	16683	10	17/04*	17434	11	36,43/03;13/04
14881	31	8/04	16041	8	48/03	16700	28	40*,43,50/03;11,12,14/04	17435	16	40,49/03;13/04
14883	43	15*,19/04	16061	8	17/03	16701	19	37/03*;12/04	17436	7	22/04*
14886	11	41/03*	16067	7	1/04	16702	11	37/03*;12/04	17436	6	20/03;19/04
14901	14	7,10/04	16081	6	1/04	16704	13	12/04	17437	8	21/03
14902	28	8,10/04	16082	6	1/04	16705	19	16,43/03;12/04	17438	12	15,21,36/03;22/04
14903	23	31/03*;2,7/04	16083	6	9/04*	16706	10	12/04	17441	7	15/03;22/04
14904	26	40/03*;1/04	16085	6	15/04*	16707	10	16,20/03;5,12,17/04	17445	2	36/03;22/04
14905	30	45/03*;7/04	16086	7	18/04*	16708	25	16,20,50/03;12/04	17460	N19/04*	
14907	25	10/04	16087	7	5/04*	16709	22	11,12/04	17464	4	12/04
14908	18	22/04*	16102	5	9/04*	16710	16	10,12,14/04	17470	N23,N41/03	
14909	19	49/03;10/04	16124	6	3/04*	16711	2	12/04	17471	N47/03*	
14910	23	17/03*	16200	13	36/03	16712	1	16/03;12/04	17472	4	36,41/03
14911	20	10/04	16204	6	22/04*	16713	2	12/04	17480	4	36/03
14912	17	31/03*	16206	7	46/03;5/04	16723	15	6,12/04	17482	N41/03	
14913	18	31/03*;8,10,15,20/04	16220	5	36/03;15/04	16741	10	16/04*	17483	N41/03	
14915	25	28/03*	16240	10	15/04*	16760	10	28/03;12/04	17484	3	41/03
14916	10	17/03;1,19/04	16300	8	6,9/04	16761	16	28/03	17485	4	41/03
14918	27	17/03;1,19,22/04*	16305	9	1/04	16762	9	12,14/04	17513	N15/03;N9,N12/04	
14919	27	1,7/04	16315	10	1/04	17003	4	24,35,36/03;6/04	17515	7	15,16,36,43/03;12/04
14922	19	5/04	16322	8	22/04*	17005	10	24,34,35,43/03;3,6/04	17517	8	15,16,34/03
14924	27	49/03;2/04	16323	9	3/04*	17008	12	36/03	17518	7	16,18,20,41,47/03;10,17/04
14926	10	32*,47/03;7,8,10,20/04	16338	4	17/04*	17300	30	21,39/03	17519	13	16/03
14927	24	47/03;7,8/04	16343	7	1/04	17302	18	49/03	17520	2	N16,N34/03
14928	21	7,10,20/04	16363	12	10/04	17315	23	16,21,25/03	17521	N15/03	
14929	24	7/04	16381	8	25/03	17316	20	25/03	17522	N15/03	
14930	25	15/04*	16382	10	6/04	17317	20	18/04*	17523	N19/04*	
14932	23	26/03*;1,5,19/04	16420	10	46/03*	17318	5	39/03	17524	N15,N49/03	
14933	24	1/04	16423	2	47/03	17320	16	14/04*	17525	N15,N43/03	
14934	27	17*,26/03;1/04	16431	7	50/03*	17323	10	22,29,39/03;5/04	17526	N19/04*	
14935	21	1,10/04	16432	11	3/04*	17324	13	39/03;5/04	17528	N19/04*	
14937	24	17/03;10/04	16433	8	14/04*	17325	7	29/03	17543	17	43/03;14/04
14938	23	1,7/04	16442	7	41/03*	17327	21	46/03*	17545	13	43/03;12,14/04
14942	25	1/04	16463	7	3/04*	17328	7	10/04*	17546	22	24,34,35,43/03;14/04
14961	12	3/04*	16474	8	18/04*	17330	8	10*,14/04	17548	28	16,43/03
14962	20	16/04*	16477	7	18/04*	17331	7	14/04	17549	6	15/03;3/04
14964	21	18/04*	16478	10	5/04*	17333	8	3*,14/04	17550	4	43/03;3,6/04
14965	21	2/04	16480	10	34,50/03	17335	6	14/04	18000	8	21,36,44/03;11,21,22/04
14966	26	15/04*	16484	7	14/04*	17336	8	14,17/04	18002	6	N21,N36,N44/03;N11,N21,N22/04
14970	25	1/04	16487	6	20/04*	17337	8	14/04	18003	19	22*,41,43/03;3,6,22/04
14972	25	1/04	16490	8	6/04*	17338	13	14/04	18005	4	N21,N26,N40/03;N4,N10,N21/04
14973	27	15/03*	16500	9	33/03	17339	11	14/04	18006	3	N21/04
14974	24	5/04	16501	7	16/04*	17341	8	14/04	18007	31	18,22,24,26,35,41/03;4,5,6,7,16,22/04
14975	33	43,49/03;10/04	16511	7	17/04*	17360	33	31*,36/03;13,14/04	18008	7	N18,N22,N24,N26,N35,N37,N41/03;N4,N5,N6,N7,N16,N22/04
14982	9	16/04*	16514	4	14/04*	17362	10	14/04	18009	2	N26,N40/03;N10/04
14983	9	46/03*	16517	6	16/04*	17363	13	14/04	18010	20	26,33,40,47/03;4,5,7,16/04
14985	9	41/03*	16520	21	31,33/03	17365	12	14/04	18020	37	47/03*;1,4,7,11,19,21,22/04
14986	9	46/03*	16522	6	16/04*	17367	11	14/04	18022	34	3*,4,7,11,13,19,21,22,23/04
14987	9	3/04*	16528	16	33/03;6/04	17368	6	14/04	18400	44	41*,43,47,49/03;3,8,10,17/04
14988	10	41/03*	16529	14	33/03;6/04	17370	10	3/04*	18401	12	34/03
14990	4	6/04*	16530	6	33/03;6/04	17372	11	48/03*	18403	21	20/03
14991	10	8/04*	16535	12	21,31/03	17375	20	50/03;16/04	18405	12	16/03
14993	12	16/04*	16547	9	18/04*	17376	6	16/04	18406	5	16/03
14994	11	21/04*	16549	15	41/03*	17377	1	16/04	18409	8	41/03
15017	4	10/04	16553	4	22/04*	17378	14	17/04*	18411	N16,N20/03	
15043	3	34,47/03	16561	1	29,35,44/03	17379	1	16/04	18412	10	20/03
15044	3	34,47/03;1/04	16566	10	29,44,49/03	17381	10	16/04	18413	15	20,22/03
15046	4	47/03;14/04	16575	1	1/04	17382	15	20*,36/03;13,16/04	18414	9	20/03;3/04
15061	3	50/03	16576	4	47/03*	17383	1	16/04	18415	8	22,32,39,47,50/03;3,9,10,22/04
15064	1	50/03	16580	12	9*,18/04	17384	8	15/04*	18416	6	22,46/03;17/04
15066	5	32,47/03	16590	10	1/04	17385	14	13,16,18/04	18418	6	15/03
15067	2	47,49/03	16591	9	16/04*	17386	3	16,18/04	18419	11	46/03;1,9/04
15069	4	47/03	16592	9	16/03;1,18/04	17387	13	16/04	18420	1	22,47,49,50/03
15070	3	49/03	16593	11	1/04	17400	16	44/03;14,16/04	18421	46	50/03*;8,9,17,22/04
15074	1	6/04	16594	13	1/04	17401	11	18/04*	18423	34	12*,13,17,22/04
15080	1	47/03	16595	14	1/04	17402	10	16/04	18424	25	45/03
15083	6	14/04	16596	12	1/04	17422	8	13/04	18427	22	18/04*
15160	5	50/03	16597	8	1/04	17423	13	13/04	18429	9	22/03
15163	2	50/03	16598	9	1/04	17424	7	22/04*	18430	8	5*,17/04
15300		N10/04	16599	6	1/04	17426	13	16,20/03;19/04	18431	6	1,22/04
15313	1	15/03	16601	10	1/04	17427	7	21,36/03	18432	5	22/04
15444		N19/04*	16603	8	48/03*	17428	7	36,43/03;13/04	18433	5	22,32,36/03;9,17,22/04
15562		N16/03	16604	11	1/04						
15563		N20/04*	16605	8	1/04						
15569		N23/03	16606	11	21/03;1/04						
15570		N23/03	16608	4	46/03*						
15690		N35/03	16640	24	21/03;1,17/04						
15946		N47/03	16645	18	1/04						
16003	16	36,48/03	16646	12	1/04						
16004	11	17,48/03	16647	3	1/04						
16005	9	36,48/03	16648	4	1/04						
16006	33	32,35,36/03;1,15,21/04	16660	29	17/04*						
			16661	6	17/04						

CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 15/03 THROUGH NM 23/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18434	5	2*,13,17/04	18660	2	29*,43,49/03;21/04	19382	15	26/03	22281	9	18/03;4,13/04
18440	27	3*,8,21,22/04	18661	27	15*,16,43,49/03;13,17,21/04	19383	17	23/04	22282	17	4,14/04
18441	43	39*,45,47,51/03;6,8,17,22/04	18662	20	43,44/03	19385	8	3*,16/04	22283	3	N14/04**
18443	16	16/04*	18663	5	43/03;17/04	19387	9	N46/03;N12,N23/04	22284	7	N5/04**
18444	15	34/03;1/04	18666	1	21,33,48/03	19388	2	N46/03	22285	1	14/04*
18445	30	13*,21,22/04	18680	30	33,35,38,40/03;19/04	19441	7	28/03*	22286	1	5*,13/04
18446	16	47*,51/03;8,22/04	18682	14	10/04*	19442	5	26/03	22290	4	18,30/03
18447	26	18,47/03;22/04	18685	32	36*,46/03;17,19,22/04	19480	7	6/04	22293	15	18,26,37,38/03;21/04
18448	33	1*,8,13,17,21,22/04	18700	22	40/03*;13,21/04	19482	9	6/04	22294	15	16,21/04
18449	18	50*,51/03;6,22/04	18703	25	40/03*;7,13/04	21005	5	15/04	22305	2	18,24,30,34/03
18450	18	18*,22/04	18720	31	25/03;11,21,23/04	21008	62	36/03	22311	19	13/04
18452	16	34,38/03	18721	11	39/03;21/04	21033	46	16/03;1/04	22312	2	30/03;9/04
18453	24	25,36,38,42/03;6,22/04	18724	1	22*,25/03;15,23/04	21036	7	16/03;1/04	22313	2	18,38,40/03;13/04
18455	2	N15,N34,N38/03	18725	27	32/03*;19,21,23/04	21125	13	36/03	22314	1	40/03
18456	19	21/04	18740	40	46*,49/03;1,5,7,14,19,22,23/04	21140	1	27,36/03;7,19,22/04	22322	11	33/03**
18458	15	19*,28,34,38/03;13/04	18741	18	N27,N38/03;N1,N7,N14,N19,N22/04	21160	1	15/04	22331	2	N19,N24/03;N1,N2/04
18459	5	N15,N28,N34,N38/03;N13/04	18744	30	35/03	21180	1	15/04	22335	4	19,52/03
18460	11	43/03;3,17/04	18746	35	11*,19/04	21384	4	11/04*	22341	9	21,29,52/03;2/04
18464	23	24*,30/03	18749	38	16,21,26,28,31,39,41,49,50/03;5,7,22/04	21441	27	15/04	22342	9	21,29/03
18465	36	18/04*	18751	42	16,21,26,28,31,39,46,49,50/03;5,7,19,22/04	21478	3	16/03	22343	1	N21,N41,N52/03;N2/04
18471	9	36/03*;8/04	18754	17	39*,43/03;23/04	21482	1	36,46/03	22344	6	N23*,N52/03
18473	7	18,19,34,38,45,47,51/03;6,8,22/04	18756	8	14/04*	21510	1	16/03	22345	11	24/03
18474	8	5*,8,22/04	18757	10	41/03;5/04	21520	1	29/03	22347	6	N23/03*
18475	1	35/03	18758	6	16,33,49/03;4,11,13,23/04	21521	14	29/03	22351	1	N35,N41,N52/03;N2/04
18476	5	18/04*	18760	6	N25,N35,N36,N44/03;N1,N7,N11,N19,N21,N22/04	21525	19	38/03	22352	6	19,24,35,52/03;1,2/04
18477	5	6,22/04	18761	2	N1,N16/04	21543	13	9/04	22360	2	19,52/03;2/04
18480	29	43/03;3,6/04	18762	15	1,16/04	21580	40	52/03	22361	2	N30,N32,N33,N34,N52/03;N2/04
18484	11	18/04*	18763	10	18*,23/04	21581	5	41/03	22370	2	15,19,26,30,33,34/03;2/04
18485	15	29/03;17/04	18765	15	27,46/03;7,14,16,19,20,22/04	21582	3	16/04	22371	5	30,32,33,52/03;2,4/04
18485	29	22/04*	18766	7	27,36/03;7,19,22/04	21584	2	41/03	22373	1	N24,N30,N32,N33,N34/03;N3/04
18502	84	21,28,29,42,47,52/03;21/04	18768	4	N27,N36,N38/03;N7,N19,N22/04	21601	4	31/03	22375	1	N15,N26,N37/03
18504	65	19*,35/03;3,21/04	18769	2	N1/04	21602	1	18/04	22377	1	N2,N4/04
18520	24	22/03;14,22/04	18772	47	21*,48/03;23/04	21603	9	31,36/03;11/04	22379	1	N30,N32/03
18521	70	5*,13,14,19,20/04	18773	39	40*,41/03;4,14,23/04	21604	25	4/04	22395	2	15,19,22,26,30/03
18523	54	5*,8,13,19,20/04	18774	10	16,49/03;4,11,13,14,19,23/04	21605	7	31/03	22401	4	N23*,N30/03
18524	33	24,29,47,52/03;8,13,19,20,22/04	18775	2	N1,N16/04	22004	38	16,29/03;2,7/04	22407	1	N18,N30/03
18525	33	29,52/03;6,8,13,19,20/04	19002	9	N16,N23,N29,N46/03;N6,N8,N12,N16,N22,N23/04	22008	35	17,29,32,38,47/03;7/04	22408	1	N21/03
18526	56	15*,17,19,20/04	19004	37	18*,23/04	22012	31	29,32/03	22409	4	N17,N22/03
18527	21	48/03	19007	17	21*,23/04	22015	18	5,16/04	22410	32	19,23,40/03
18528	10	18/03	19008	4	16,23,29,46/03;10,12,16,19,23/04	22052	6	25,34,43,47/03	22412	2	2,4/04
18531	21	15*,19,20,22/04	19009	4	16,23,29,46/03;10,12,16,19,23/04	22053	4	N20/04**	22413	1	N22/03
18532	20	52/03	19010	18	18*,19,22,23/04	22054	1	20/04*	22415	8	2,4/04
18539	9	21/04*	19013	17	18*,22,23/04	22082	4	25,38/03;20/04	22417	1	N25/03;N1/04
18543	2	15/04*	19016	10	3*,19/04	22084	4	35,37/03;15/04	22418	2	19/03
18545	15	50/03*	19019	9	28/03*	22090	2	17/03	22420	2	15,19,30,40/03
18546	10	19/04*	19320	16	16,23/03;6,8,12,22/04	22101	19	37/03	22421	4	N23,N25,N26,N27/03;N4/04
18551	8	18/04*	19322	8	14/04*	22102	19	17/03	22423	3	N25,N27/03
18556	25	17/04*	19324	22	23/03;13/04	22109	3	17/03	22424	1	N27/03
18558	37	48/03;1/04	19327	10	23,43/03	22111	4	17/03	22427	1	N23,N25,N26,N40/03;N9/04
18561	12	12*,22/04	19329	8	10/04*	22112	3	17,37/03;5,10/04	22429	1	N17,N19,N27/03
18580	21	51/03;17/04	19330	10	14/04*	22113	8	17/03;5,10/04	22430	6	19/03;22/04
18581	17	36,50,51/03;14/04	19331	7	23,43/03	22114	5	17,33,37/03;5/04	22433	3	35/03;22/04
18583	38	43/03	19339	1	N30,N47/03;N8,N10,N23/04	22117	3	37/03;5/04	22434	2	35/03
18584	47	30,48,52/03;1,13/04	19340	26	29,30,36,47/03;8,10,13,23/04	22120	3	29,32/03;7/04	22437	2	22/04
18587	68	21,27,36,52/03;1,8,14,19,20,23/04	19342	10	15*,19/04	22121	9	29,32,47,51/03;18/04	22440	1	19/03
18588	37	22*,36/03;22/04	19347	17	29/03;23/04	22124	2	29,32/03	22461	1	21/04
18589	15	44/03;22/04	19348	8	15/04*	22130	2	17,29,32,38/03;2,7/04	22471	31	2,6,8,22/04
18600	14	44,47/03;5,16/04	19351	9	23/04	22138	3	11/04*	22481	35	19/03;2/04
18601	13	1/04	19353	12	27/03;6/04	22140	2	25,47/03;7/04	22482	16	23/03;9/04
18602	12	26*,47/03;1,14/04	19355	12	27/03;6/04	22142	2	25,40,47/03;7/04	22492	3	34/03
18603	16	5,16/04	19357	22	30,36,47,50/03;10,13/04	22143	4	26*,29/03;11/04	22521	3	17,34/03
18620	23	4,7/04	19361	8	5/04*	22145	2	N25/03	22523	3	17,34/03
18622	52	21,25,27,35/03	19362	12	10,13,14/04	22160	2	25/03;7/04	22529	3	17,35/03
18623	11	4,7/04	19366	36	50/03;10,13,14/04	22172	8	29/03;11/04	22531	2	17,35/03
18640	24	26,38,42/03;4/04	19367	37	50/03	22173	36	17,29/03;11,17,21/04	23000	5	51/03
18643	17	26*,33,41,43/03;19/04	19379	1	N30,N46/03;N12,N13,N16,N22/04	22180	2	32/03	23020	4	22/03
18645	24	33,38/03;5/04	19380	15	8*,12,16,22/04	22181	17	10*,17/04	23030	6	21,22,37,42/03;14/04
18649	63	48*,50/03;2,5,11,16,19,20,21/04	19381	8	26/03;7,12,16,22/04	22182	7	10*,11/04	23121	7	17,20/03;19/04
18650	52	47/03*;11,19,20,21/04				22183	4	52/03*;21/04	23123	3	19/04
18651	42	15*,48/03;16/04				22190	2	29/03	23124	3	N17,N20/03;N19/04
18652	32	36*,40,43,46,48,49/03;5,11,16,19,20/04				22205	2	18/03	23125	4	17/03;19/04
18653	9	21,43,50/03;16,20/04				22221	20	31,34/03;1/04	23131	7	22/03
18654	43	22/04*				22222	1	31/03;1/04	23141	7	22,37/03
18655	58	16/03				22225	2	18,40/03	23142	10	37,47/03
18656	53	19*,21,33,40,43,48/03;11/04				22233	29	18,25,37/03	23145	3	37,51/03;14/04
18657	18	21,40/03				22234	1	1/04	23153	8	49/03
18658	30	17/04*				22250	2	18/03;4/04	24004	36	41,42,46/03
18659	14	16,21,43,48/03				22251	11	28/03	24016	53	13/04
						22252	18	2,21/04	24024	46	18,25/03
						22259	4	20,24/03;2/04	24050	11	20,31,32,33,51,52/03;6,14/04
						22262	3	13/04	24052	15	19,21,30,42,44,50/03
						22263	1	26,37/03;4/04			
						22264	2	18,20,24,26,37,41/03			
						22275	3	18,26/03;2/04			

SECTION I

NM 23/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24053	16	19/03	24509	2	15,25,34,42/03;12,21/04	26310	1	N48/03*	36040	16	15/03;6/04
24055	6	19,21,42,50,51,52/03;6/04	24510	2	42/03;21/04	26312	2	21/03	36060	17	20,21/03;2,17/04
24057	4	20,30,33,42,52/03;4,6/04	24511	2	24,42,48/03	26316	3	21/03	36061	5	20/03
24058	2	19,22,28,29,30,42,44/03;7,9/04	24512	3	24,25,38,42/03	26320	5	22,23,25,31,40/03;19/04	36120	9	16,23,27/03;17/04
24060	2	17,32/03	24513	18	38,42/03	26327	2	N17/03	36123	25	16/03
24080	5	17/03	24517	2	25,40,42/03	27005	4	22,23,34/03;19/04	36124	18	16/03
24091	6	21,46/03;22/04	25001	7	15,52/03	27042	21	41,42/03;10/04	36125	7	30/03
24092	14	22/04	25017	5	15,25,31,34,39,52/03;15/04	27060	2	22,23,34/03	36140	12	27/03;13/04
24100	5	46/03	25018	9	15,25,31,34,39,52/03	27080	4	15,22,39,52/03	36143	4	30,43/03
24103	3	10/04	25400	2	20/04*	27081	6	19/04	36161	10	18/03;21/04
24110	3	35/03	25480	1	52/03;8/04	27082	6	19/04	36162	10	18/03
24133	6	31/03	25481	25	8/04	27083	39	28/03;4/04	36163	13	18/03
24140	18	41,42,46/03;6,7,11,22/04	25483	20	8/04	27100	2	21/03	36164	7	15/03
24142	43	7,11/04	25485	45	36/03;10/04	27102	11	28/03	36165	6	27,30,43/03;21/04
24149	1	52/03	25487	2	36/03;10/04	27120	4	16/04	36180	23	27,44/03;13/04
24150	27	41,47/03;6,7/04	25524	43	20,24,26,32/03;23/04	27122	5	19/04	36181	18	13/04
24151	4	41/03;6,7/04	25525	17	26/03;23/04	27160	2	35/03	36182	6	27/03;13/04
24152	2	41,47/03;6/04	25526	2	24,32/03;23/04	27206	18	9/04	37000	22	23,43/03
24153	6	39,47/03;6/04	25527	31	24,32/03	28004	1	22/03	37005	16	15,23,28,29,30,50,51/03;5,8/04
24155	6	46,49/03	25550	2	21/03	28050	3	26,42,47/03	37010	23	15,19,23,27,28,29,30,43,50,51/03;5,8,12,15/04
24160	21	47/03;10,15,22/04	25563	50	18,21/03	28084	4	17/03**	37025	26	24,25,27,31,33,34,36,38,41,43/03;3,4,10,11,15/04
24161	11	28,32,39,40,47/03;10/04	25566	27	18,30/03	28154	2	38/03	37032	2	25,31,38,42,43,45/03;3,4,9,15/04
24162	9	28,32,39,40,42,47,52/03;10/04	25567	16	21/03	28165	20	20/04*	37033	2	33/03;15,17/04
24164	6	39,41,47/03	25570	3	16/03	28167	4	16/04	37034	2	33,41/03;10,15,P18,22/04
24170	14	35/03;9,22/04	25575	4	35,39/03;14,15,18/04	28168	22	16/04	37043	17	43,46/03;12/04
24171	19	37,52/03;16,22/04	25600	47	25,27/03;1/04	28190	2	18/03;16/04	37046	18	43,46/03;12/04
24172	4	22/04	25607	4	48/03	28196	4	18/03;16/04	37050	9	17/03;12/04
24180	15	40/03	25608	21	16,26,34,38/03;1/04	28197	4	18/03;16/04	37060	3	18,43,46/03;12/04
24200	14	9,13/04	25609	5	1/04	28221	18	16/04	37063	21	43/03
24201	5	49/03;9/04	25610	8	2/04	28260	30	16/04	37075	3	18,43/03;12/04
24202	6	31,35,46/03;21/04	25611	22	1/04	28263	3	16/04	37080	3	15,18,20,21,22/03;12,23/04
24203	36	49/03	25613	3	20/04*	28300	1	16/04	37090	8	16,22/03;12,23/04
24210	14	42/03	25641	27	15/04*	28302	16	7/04	37095	3	15,16,20,22,32,39/03
24220	14	39/03	25640	41	22/04*	28310	2	7/04	37103	9	12/04
24222	3	39/03	25642	17	15/04*	29002	9	18,29/03	37106	4	32/03
24223	33	39/03	25644	13	20/03*	29012	8	7/04	37110	11	20,25,31,32,39/03;12/04
24224	1	15/04*	25645	17	15/04	29015	5	16/03;7/04	37115	2	25,31,32,39/03;12/04
24230	20	52/03;9/04	25647	10	16/04	29040	3	39,48/03;7,14/04	37120	2	21,23,24,25,26,27,30,32,39,42,43,44,45/03;12,20/04
24233	15	9,22/04	25649	19	44/03*	29043	6	7,8,13/04	37121	11	25/03;12/04
24234	3	35/03	25650	33	25,30,31,39/03;15,21/04	29105	5	49,50/03;8,11/04	37122	12	19,31,44,45/03;12/04
24240	5	39,46,52/03	25653	13	14,21/04	29107	2	29,36/03;21/04	37123	9	20/03
24250	5	39/03;13,22/04	25654	13	14,21/04	29121	5	8,12,13/04	37125	15	20/03
24251	23	39/03	25655	11	14,21/04	29124	1	21/04	37127	11	20/03
24252	5	39/03	25659	9	20/03*	29127	4	29,39,42/03;21/04	37129	6	20,23,24,30,42,45/03;7,20/04
24270	3	17,29/03	25663	27	17,30,39/03	29141	3	29,39/03	37134	5	45/03
24271	14	17,29/03	25664	15	17,30,39/03	35002		N19/04*	37136	6	30/03
24274	2	17,29/03	25666	17	17/03;11/04	35003		N19/04*	37137	6	30/03
24292	4	22/04	25667	20	15/03	35005		23/04*	37140	33	16,24,25,30,32,42,43,44,45/03;12/04
24293	6	37,42,46/03	25668	18	34/03	35008	21	25,27/03;23/04	37147	29	17,19,24,27,31,45/03;23/04
24294	22	37,46/03	25670	42	2*,14/04	35009	19	49/03	37148	15	16,17,19,25/03;12/04
24320	4	17/03	25671	18	21/03*;21/04	35011	2	25/03	37149	13	27,51/03;12/04
24322	6	17/03	25673	15	43/03	35013		N23/04*	37150	8	19,26,27,32,33,35,37,39,41,43,46/03;7,12/04
24350	2	18/03	25675	9	20/03*	35014		N23/04*	37161	14	19,24,41,43,46/03
24355	2	25,37/03	25677	20	32*,39,52/03	35025		N23/04*	37162	12	21,26,27,30,32,33,35,37,39,40,41,43,45,46/03;7/04
24360	1	25/03	25679	10	20/03*;11,15/04	35032	16	12/04	37163	19	32,43/03;11,12,22/04
24370	1	48/03;1/04	25681	16	28*,34,39/03;15/04	35036	21	15,27,43/03;12,13/04	37164	4	23,26,27,30,32,35,37,43,46/03;7,22/04
24375	2	38/03	25683	18	32*,34,39,52/03	35040	18	21,49/03;12,17/04	37165	2	15,21,23,26,27,28,30,32,34,35,37,39,43,45,50,52/03;1,5,7,8,11,15/04
24376	1	38/03	25685	9	22*,52/03	35041	8	23/04**	37166	2	19,21,26,27,30,32,33,34,35,37,39,40,41,43,45,46,51/03;7,11,12,21/04
24380	2	48/03;1/04	25687	12	30/03*	35042	9	49/03;8,17/04	37170	11	19,46/03
24404	8	11/04	25700	3	15/03	35055		N23/04*	37175	2	27,30,45,46,51/03
24430	5	31,52/03	25848	25	15/03;11/04	35060	14	49/03	37180	20	27,31,35,49/03;12/04
24431	14	31,52/03	26050	1	26,47/03	35080	16	23/04**	37182	14	24,27/03
24433	3	52/03	26060	1	42/03	35081	15	22,27/03	37183	9	24/03
24434	4	52/03	26068	11	18,50/03	35082	7	22,27/03	37200	15	28,30,35/03;15,23/04
24444	2	23/04	26081	8	16,42,43/03;16/04	35083	8	20/03	37202	2	22,27/03
24450	3	26,47/03;6/04	26083	14	19/04	35086	5	22/03	37205	2	22,24,30,40/03;15/04
24453	5	26/03	26100	4	31/03	35100	14	23/04**	37221	13	15,21,23,29,30,32,50,51,52/03;5,8,11,16,18,19/04
24454	5	26/03	26122	30	22/03*	35101	6	16/04			
24460	4	15,29,32,47/03	26125	3	41/03	35120	13	23/04**			
24461	4	16,38,47/03	26127	21	11/04	35155	3	25/03			
24462	5	16,29/03	26129	11	41/03	35200	7	25/03			
24463	6	15,25,26,38/03;13/04	26130	20	11/04	35301	6	17/03			
24465	6	38/03	26147	31	19/04	35302	7	17/03			
24470	4	13/04	26186	17	14/04	35303	7	17/03			
24480	1	24,27,42,48/03;21/04	26188	11	15/04	35350	2	23/04			
24482	2	31/03	26218	2	31/03	35363	1	12/04			
24484	3	31/03	26219	5	31/03	35365	1	12,23/04			
24490	3	25,27/03	26220	6	11/04	35380	8	12/04			
24491	3	27/03	26229	11	31/03;9/04	35390	2	12/04			
24500	1	7/04*	26230	12	31/03;9/04	35400	11	18/04			
24501	3	27/03	26245	16	15/03	35420	13	12,18/04			
24502	6	27,34,47/03	26282	6	22,23,34/03	35424	3	18/04			
24504	7	42,48/03;21/04	26290	1	21/03**	36005	2	17,24,25,27,31,43,44/03;13,23/04			
24508	3	22/03*	26295	1	21*,22,34/03	36010	27	15,16,20,23,43/03			
			26300	7	21/03*	36015	2	27,44/03;13/04			
			26308	5	21*,22,23,34/03						
			26309	27	11/04*						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37222	13	21,22,30,46,52/03;16/04	42040	3	16/04	43264	2	46/03	44065	7	16,17/03;6,19/04
37223	14	21,26,27,30,32,34,35,39,43/03;7,11,16,21/04	42046	3	16/04	43265	2	37,46,47/03;23/04	44066	10	31/03;6/04
37224	11	22,23,30,37/03;16/04	42052	2	16/04	43266	1	47/03;10/04	44067	22	16,17,28/03;6,9,14,15,21/04
37226	17	17,21,23,51/03	42141	3	6,12/04	43280	5	37,40,47/03	44068	11	40,51/03;9/04
37228	14	23,27,29,30/03	42160	3	38/03;12/04	43281	6	27,37,44,46,47/03;1,21,23/04	44069	16	17,22,23,40/03;9,14,15,21/04
37230	14	28/03	42301	3	38,52/03;15/04	43283	6	27,37,40,43,47/03;1,20/04	44070	7	28/03;21/04
37231	18	50,52/03;8,19,21/04	42560	5	31,38,40/03	43284	4	40,43/03;1,20,21/04	44071	4	29/03;21/04
37232	12	29,31/03	42580	5	40/03	43285	5	44,49,51/03	44072	4	40/03
37234	13	31/03	42600	5	30,40/03	43287	2	27,37/03;1/04	44075	4	23,40/03
37235	11	17/03;5/04	42620	5	38/03	43300	5	49,51/03;10,23/04	44076	3	22,28,30,32/03;14/04
37238	6	17,21,30,33,37,40,41,45/03;7/04	42640	6	38,40/03	43301	4	49/03;23/04	44081	9	46,48/03;9,14,15,16,23/04
37241	17	26,27,30,32,33,35,37,39,43,45/03;7/04	42740	5	25,31,40/03	43302	4	10,14,15/04	44082	11	33/03;17,21/04
37242	10	26,30,32,35,39,43/03;11/04	42742	3	30/03;11,13/04	43303	4	43/03;14,21/04	44083	8	24,25,26/03
37243	7	27,30,32,37/03	42760	5	19,24,25,47,52/03;2,11,13/04	43304	2	43/03;10,14,15/04	44084	1	26/03
37244	11	23,26,27,28,30,32,33,35,37,39,43,45,46/03;7,20/04	42762	3	N25,N30,N47,N52/03;N11,N13,N20/04	43320	5	49/03;15,17,20,21/04	44085	2	51/03
37246	14	21,24,27,30,32,33,35,39,40,43,45,46/03;1,11,22/04	42765	3	47,50/03;2/04	43321	6	15,16,17,21,23/04	44100	7	22,31,40,41,46,48,49,51/03;6,9,14,15,16,17,23/04
37248	18	21,23,24,26,27,30,32,35,40,41,43,45/03;7,12,20,22/04	43000	4	16/04	43322	4	27,49/03;15,17,21,23/04	44105	2	24,26,27,41,47,48,52/03;3,20/04
37258	4	22/03	43030	24	15,17,22,27,28,30,32,46,48/03;1,3,6,8,9,14,15,16,17,19,20,23/04	43340	13	49/03;15,22/04	44120	7	15,19,20,22,23,24,27,33,39,40,41,45,48,49/03;1,3,9,14,17,20,23/04
37261	10	20,22/03	43040	6	38,47/03;2,16/04	43342	7	26,49/03	44140	8	19,21,23,24,26,31,40,44,47,50/03;9,20,22/04
37264	3	15,22/03	43041	2	16/04	43343	3	39/03	44160	7	15,20,26,31,41,47,48,49/03;2,5,9,11,13,19,22,23/04
37265	3	17,32/03	43058	3	20/03;16/04	43356	2	14/04	44161	2	21,35,39,41,48,49,50/03;3,8,9,16,20,21,22/04
37281	15	15,22/03	43059	3	20/03;16/04	43360	21	17,20,21,28,30,32,43,52/03;5,7,11,14,16,17,20/04	44162	1	24,47/03;9,17/04
37320	16	15,17,21,24,36,38,44/03;7,12,21/04	43060	4	27/03;16/04	43362	5	44/03	44164	1	18,22,47/03;2,6,12,13,15,23/04
37325	8	15,18/03	43062	2	16/04	43363	5	17/04	44165	1	20,22,24,34,39,45,48/03;2,9,11,12,15,18/04
37326	2	15,18,21,36/03	43063	2	16/04	43366	5	43,48/03;14,17/04	44178	2	16,26,27/03;2,16,18/04
37328	2	15,21,24/03	43079	2	21/04	43367	6	43,48,50/03;14,17/04	44179	2	16,35,39,51,52/03;3,8,14,18/04
37342	3	15,21,45/03;12/04	43080	4	44/03;16,20,22/04	43370	7	47/03;12,14,23/04	44180	6	20,26,43,48,50/03;2,3,6,8,11,12,14,22/04
37343	10	12/04	43081	4	16/04	43371	13	38,43/03;10,12,14,23/04	44181	5	20,21,27,48,52/03;2,8,9,11,12,14,22/04
37344	11	21,38,45/03;13/04	43082	5	47/03;20,21/04	43372	4	10,12,14/04	44182	4	15,18,27,42,43,46,48,49/03;1,2,6,8,12,15,18,23/04
37360	15	15,17,21,24,31,36,38,39,43,44,45/03;9,11,12,13/04	43083	4	16,20,22,23/04	43373	8	17,20,40,42,49,50,52/03;8,9,14,23/04	44183	6	19,20,25,27,35,39,43,46,49/03;2,13,14,15/04
37362	6	17,22,32,33,38,39/03;12,14/04	43084	3	16,23/04	43374	1	43/03;10,14,17/04	44184	9	20,22,32,48,52/03;8,11,21/04
37363	8	17,32/03	43100	4	22/04	43375	7	16,18,23,42,44,50,51/03;5,11,20,21,22,23/04	44185	7	27,32,48,50/03;9,11,14,18/04
37380	2	17,21,38,39,41,43/03;7,11,12,13,19,21,23/04	43106	6	44/03;7,10/04	43376	5	14/04	44186	2	15,16,25,27,29,49/03;1,3,11,12,16,21,23/04
37400	10	20,31,34,36,41,43,46,47/03;1,7,9,11,19,21,23/04	43107	1	7/04	43377	2	47/03;14/04	44187	2	25,27,39,44,48,50,52/03;2,6,22/04
37401	9	16,22,31,36,43,44,47/03;1/04	43122	3	7/04	43378	2	38/03;14/04	44192	1	18,23,39,43,44,48/03;1,2,5,8,9,11,14,15/04
37402	7	1/04	43123	3	7/04	43382	2	48/03;14/04	44193	1	15,18,43,48,50/03;5,6,9,12,14,15/04
37403	23	41/03	43124	5	3,5,7,10/04	43384	1	15,16,17,18,23,25,26,27,32,44/03;2,5,9,11,21,22,23/04	44200	9	22,27,37,43,47,50/03;12,20,21/04
37421	8	21,41/03	43125	7	44/03;7,10/04	43385	1	20,23,24,26,42,46,49,51/03;8,11,12,19,21,22/04	44203	1	15,25,52/03;2,8,12,15,22/04
37423	5	21,41/03	43126	4	5,7,20/04	43386	2	47/03	44204	1	27,50/03;9,20/04
37443	2	38,45/03;7/04	43127	5	20/03;1,3/04	44000	16	44/03;19/04	44205	2	15,19,22,26,27,29,31,39,43/03;11,20,22,23/04
37445	1	34,38/03	43128	4	35,38/03;1,5/04	44001	2	P20,23,26,50/03;8,9,11,18,19/04	44206	1	16,17,19,24,28,40,46/03;6,11,22/04
37446	2	34/03	43141	5	5/04	44015	8	24,26,40,44,47,50/03;1,8,9,11,18,19,20,22/04	44207	1	17,19,23,28,40,41,45,46,50/03;9,21,22,23/04
37461	9	20,25,36,50/03;3,15/04	43142	4	1/04	44030	7	19,48,50/03;13,20/04	44220	5	16,21,40,45,46,48/03;3,11,20,23/04
37463	6	43/03;1,2,3,4/04	43143	4	43/03;20,21,22/04	44036	5	16,17,20,23,28,30,32,52/03;5,16/04	44221	1	19,21,52/03;3,11/04
37481	7	30/03;17,20,21/04	43145	4	20/04	44037	5	16,22,52/03	44223	1	21,24,48/03;11,12,15,23/04
37501	3	20,33/03	43146	2	34,35,44/03	44038	5	46/03;18/04	44224	1	20,21,24,42/03;3,19/04
37505	2	33,41/03;15/04	43147	3	35,38/03	44040	23	16,17,20,22,23,24,28,30,32,44,52/03;1,5,6,16,19/04	44240	8	15,16,19,21,25,39/03;3,20/04
37506	4	20,33,48/03;11/04	43148	4	43/03	44041	7	16,20,23,28,52/03;3,8,9,13,20/04	44243	2	17,22/04
38320	3	35/03	43150	2	N34,N35,N38,N41/03;N20,N21,N22/04	44042	7	17,19,20,25,27,28,29,32/03;9,12,13,15,20,22/04	44260	7	21,48,52/03;5,13,16,17/04
38480	6	48/03	43161	2	34,35,36,38,41/03;20,21,22/04	44043	8	16,52/03;9,16/04	44280	9	15,19,22,34,44,47,50/03;11/04
38528	4	N20/03	43162	3	35,41/03	44044	6	16,44/03;9,16/04			
38580	8	18/03	43163	3	41/03	44045	6	22,44/03;5,16/04			
38585	4	18/03	43164	3	34/03;20,21,22/04	44046	10	22,24/03;1,6,19/04			
38607	2	1,14/04	43165	2	21,22,23/04	44047	22	22,24,30,31,32,40,48/03;16/04			
38610	1	1,13/04	43166	2	43/03;23/04	44048	11	18,22,25,27,31,40,48/03;9,13,16,21/04			
38641	4	3,13/04	43167	5	36,42,44/03;20,21/04	44049	9	22,24,30,31,40,48,50/03;1,2,9,12,18/04			
38650	1	3,12,13/04	43168	2	36,42/03	44050	21	20,31,32/03;12/04			
38670	2	1,13/04	43180	5	44/03;22/04	44051	1	22,25,26,27/03;1,2,9/04			
38682	3	13/04	43181	3	43/03	44057	5	29,30/03			
38683	3	13/04	43182	4	22/04	44061	21	24,32/03;1,6,17/04			
38690	2	13/04	43200	3	22/04	44062	8	28,40/03;1,17/04			
41000	2	15/03	43203	3	22/04	44063	8	17/03;1/04			
41060	3	52/03	43204	4	36/03	44064	19	22,28/03;1,6,15/04			
41100	2	N46,N52/03	43206	3	14/04						
42003	1	N23/03**	43240	4	12/04						
42004	1	N23/03*;N13,N16/04	43244	4	12/04						
42036	2	43/03	43245	4	12/04						
42038	2	43/03;16/04	43247	5	44/03						
			43248	3	44,46,47/03;14/04						
			43249	2	10/04						
			43252	1	44,46/03;14/04						
			43260	4	46,47/03;10/04						
			43261	5	46/03						
			43262	5	46/03						
			43263	7	37,44,46/03;1,21,23/04						

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04**

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44281	2	15,19,21,22,27,45,49,50/03;11,12,19/04	51220	8	18,43,45,46/03	53081	8	16/03	54287	7	15/03
44282	1	17,19,21,26/03;14,20/04	51222	6	16/03	53082	13	7,21,22/04	54302	1	21/03
44283	2	21,43,45,49,50/03;13/04	51223	2	17,18/03	53083	8	21,22,41/03;21/04	54320	4	24,25/03
44284	2	42,44/03;14/04	51240	2	43,46/03	53084	6	16/03	54321	2	25/03
44285	1	15,40,44,47/03;11,21/04	51260	4	16,18,28,43,44,52/03	53085	6	16/03	54332	3	25/03
44286	1	27,40,47/03;11/04	51261	23	15,19,40,46/03;12/04	53086	8	17/03;11/04	54333	3	25/03
44310	5	37,50/03;19/04	51263	23	17/03	53087	9	17/03	54335	3	24/03
44313	1	36,37,39,40/03;11,19,20,22,23/04	51341	23	16,34/03;15/04	53089	4	21,22,23,41/03;9/04	54337	3	21/04
44319	2	P20,26,27,28/03;2,19/04	51342	3	5/04	53090	1	50/03	54340	8	24/03
44320	4	15,P20,25,26,37,49,50,51/03;2,12,19,20,21/04	51343	3	21/04	53093	2	41/03;8/04	54341	4	23/03
44321	6	44,45/03;19,20,21,22,23/04	51344	2	16,18,44/03	53100	16	18,20,21,24,31/03;11,13/04	54343	10	6/04
44340	11	15,17,P20,26,33,37,49,50,52/03;2,6,7,11,12,18,19,21,23/04	51380	5	42/03;21/04	53101	7	16,24/03	54344	6	24/03
44341	7	P20,26,52/03;18,19,20/04	51420	5	42/03	53104	2	20,24/03	54346	9	20/04*
44342	8	52/03;18,22/04	51440	4	42/03	53106	6	21,33/03	54350	4	37/03
44352	2	15,17,19,49/03;2,7/04	51460	4	22/04	53110	1	15,17/03	54351	7	26/03
44360	9	20,27,28,30,31,32,37,39,44,52/03;2,11/04	51500	6	20/03	53111	3	11/04	54352	3	33,37/03;6/04
44361	6	15,21,26,27,28,35,52/03;4,6,15,17,20/04	51540	3	22,45/03	53112	14	17,31,35/03;11,13/04	54359	2	38/03;21/04
44365	1	26,27,43,52/03;4,11,13,15/04	51559	3	23/04	53120	3	16/03	54360	12	20,21,34,50/03;6/04
44366	1	44,52/03	51560	11	50/03	53122	3	29/03	54361	10	38/03;21/04
44367	2	39/03;13,20,23/04	51562	10	50/03	53123	3	29/03	54363	3	21,50/03;2,6/04
44400	4	15,17,19,23,24,25,27,34,41,49,50,51/03;7,12,16,18,19/04	51580	13	41/03	53130	1	18/03	54365	6	21/03
44401	7	19,24,41,49/03;6,12,21/04	51600	12	20,39/03;23/04	53133	4	33*,45/03	54368	4	50/03
44410	4	15,23,24,26,27,41,45,49,50/03;2,3,9,16,18,22/04	51620	10	20,39/03	53147	3	17,20,35/03	54369	4	20,21,34,50/03;2/04
44420	6	17,22,25,27,40,44,49/03;5,8,9,11,22,23/04	51621	9	20/03;20/04	53149	2	11/04	54380	6	16,18,28,34/03;17/04
44430	2	19,24,25,40,44,47,52/03;22/04	51641	4	32,34,40/03	53161	8	18/03	54382	9	16,28,40,03;15/04
44444	6	30,34,35,36,38,41,52/03;7,13,20,21/04	52031	1	21,48,49/03;7,10,13,20/04	53162	7	15/03	54386	10	16,18/03
44461	10	24,25,26,28,31,36,47,50/03;22/04	52039	4	18,21,45/03	53166	1	6/04	54387	7	16,18,30,39,42/03
44462	4	27,39/03	52040	17	16,18,34/03;13,20/04	53180	10	15,18,20,21,29/03;11/04	54400	8	16,22,30,36,37/03;13,14,19/04
44463	9	24/03;22/04	52042	6	22/03*	53181	4	21/03	54403	4	24,30,36/03;19/04
44465	2	25,47/03;22/04	52043	21	48,50,52/03;1/04	53182	4	15,16/03	54407	4	16,30,37,49/03;13,14/04
44481	2	24,26,31,50/03;17/04	52046	21	16,18,21/03;12,13,19/04	53183	13	20/03	54409	2	13/04
51002	7	4/04	52047	11	34/03;20/04	53184	5	18,20/03	54413	3	37/03
51007	22	27,33,40/03;9,10,14/04	52051	1	16/04	53200	6	15,16,20,30/03;4,11,12/04	54416	5	33,37/03
51013	4	21,33,36,45/03;14,19/04	52052	1	16/04	53201	6	18,21,38/03	54417	1	30/03*
51017	31	24,40,44/03;21/04	52060	16	P20,26,29,34/03;6/04	53202	6	15,17/03	54418	4	16,30,37,49/03
51022	11	44/03;21/04	52061	2	20,P20,26,29,34/03;6/04	53204	10	1/04	54421	6	36,41,43,46,49/03;20/04
51027	8	45/03	52062	7	23,29,34/03;1,6,7/04	53205	3	26/03	54422	4	46/03
51032	10	45/03	52066	3	16/03	53206	6	25/03	54423	5	17/03
51061	14	15,17,19,21,22/03;4/04	52082	3	20,P20,26/03;21/04	53220	6	16/03;4,10,12/04	54430	1	36,43/03;2,14,20/04
51062	28	15,17,19,22/03	52083	2	16,46,48/03	53226	3	17,18,35/03;12/04	54440	4	17,38/03;13/04
51064	2	17/03	52084	2	18/03	53262	8	1/04*	54441	6	22/04
51081	10	15,17,21,22,45/03;6,19,20/04	52085	3	16,46/03	53263	1	17/03	54462	5	17,51/03;4/04
51082	7	15,17,21,22,45/03;19/04	52086	2	36/03;5,7/04	53264	5	17/03	54463	5	1/04
51100	7	27,33,34,41/03;10,P18,19,22,23/04	52087	1	6/04	53265	6	15,16/03	54464	5	17/03;15/04
51103	10	17,23/04	52088	3	10*,20,21/04	53266	4	17/03	54480	8	17,21/03;7,13,22/04
51104	1	17,23/04	52092	1	16,48/03	53269	5	17/03	54481	8	33,43/03;7,13,22/04
51109	5	5,12/04	52120	12	16,18/03;6,19/04	53279	3	15/03	55001	4	15,28,29,33,35,36,39,43,44,52/03;6,21/04
51120	6	4/04	52121	8	16,23/03	53281	4	15,18/03	55040	4	16,20,21,35,36,39,41,42,50,52/03;6,9,13,17,19,22/04
51135	1	22,46/03;4,5/04	52122	14	13,14,22/04	53282	4	40/03;6/04	55042	1	17,35,37/03;9,19/04
51142	2	15,22,33,40,45/03	52124	1	6/04	53284	4	21,24/03	55043	2	37,52/03
51143	4	40,45/03;9/04	52125	1	16,18/03;14,22/04	53285	4	15/03	55044	5	16,42,52/03;1,2/04
51144	3	15,46/03;9/04	52140	6	18,29,46,49,52/03;5,7,12/04	53287	6	15,22/03	55045	2	39,52/03;3,9/04
51145	2	22/03	52141	5	41,44,46,49/03	53301	4	22/03;21/04	55046	4	18,19,35,36,41,46,50/03;6,8,9,17,18,19,23/04
51146	3	36/03	52142	3	14*,20/04	53306	2	31,43/03	55047	8	41,49,51/03;6,7,15,18,23/04
51150	1	15,22,33,40,46/03;9,12/04	52143	8	18/03;7/04	53311	3	37/03	55048	12	20/03;1,8,13,15,23/04
51154	3	15/03;6,9/04	52144	5	16,18,21,23,47/03;7/04	54040	3	20/03;11/04	55060	7	28/03;17,21/04
51155	1	15,22/03;12/04	52160	7	50,52/03;14/04	54041	7	16,17,24/03	55061	1	28/03
51159	3	39/03	52161	14	52/03	54043	2	17/03	55062	5	28,33/03;21/04
51160	20	15,21,22,45/03;12,14/04	52162	2	14/04	54060	5	16/03;6,12/04	55063	1	44/03
51163	4	43/03;12,19/04	52163	3	16,42,52/03;10/04	54061	11	42/03	55064	3	8/04
51164	18	43/03;5,14/04	52172	2	52/03	54082	12	10/04	55082	9	25,32,44,46,50/03;20/04
51165	8	16,39/03;5,8/04	52180	14	15,16,50/03;6/04	54085	2	15,24,42/03	55084	7	39/03;11/04
51166	3	N39/03	52172	2	52/03	54090	3	15,19/03;6,12/04	55085	9	31,33,36,39,46,50/03;9,17,20/04
51167	6	16/03;5,8,14/04	52183	9	52/03	54095	3	15,30,42/03	55100	8	28,29,33,34,39,43,44/03;6,21/04
51168	2	45/03;14/04	52200	8	17/03	54105	3	17,19,50/03;10/04	55102	3	15,25,32,36,43,46,50,52/03;2,6,13,17/04
51180	5	16/03	52220	7	27/03	54115	3	15,30/03;10/04	55103	2	15,19,20,25,26,27,31,35,36,38,42,43,45,46,50,52/03;2,6,13,15/04
			52223	4	27/03	54120	5	15,17,19/03;10/04	55104	2	19,31,33,36,45,46,52/03;2,6,13/04
			52240	9	27/03;20/04	54125	3	15,17,30,47/03	55105	7	15,29,33,36,42,43,48,52/03;3,9/04
			52243	11	20/04	54131	2	50/03;12/04			
			52262	6	4/04	54140	7	15,30,47,51/03			
			52263	5	4/04	54151	1	42/03			
			53011	2	7,10/04	54161	12	20,21/03			
			53031	1	24,31,49/03;6,7/04	54165	2	38/03			
			53058	2	37/03	54167	2	20/03			
			53060	14	31,36,39,44/03;6,11,22/04	54168	1	17,38/03			
			53061	10	16,17,38,44/03;15,17,21/04	54169	3	17,38/03;14/04			
			53062	13	16/03;15,17,19,21,22/04	54180	6	30,42,47,51/03			
			53063	9	33*,37/03;21/04	54181	7	48/03*			
			53064	6	20,39/03;11/04	54195	2	51/03			
			53065	2	39/03;11/04	54222	4	20/03			
			53066	2	20,39/03;11/04	54226	2	47/03			
						54227	2	47/03;12/04			
						54279	4	15/03			
						54280	10	15,22/03			
						54284	1	15,34/03			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
55110	2	29,43,44,51/03;3,14,15,21/04	61141	6	35/03;9,14/04	62541	3	N17,N18,N21,N30,N35,N43,N50/03;N9,N12,N15,N18,N23/04	71272	10	19/03
55120	2	28,33,34,42/03;2,17,21/04	61142	6	35,39/03;9,14/04				71273	2	51/03
55127	2	24,27,32,36,51/03	61180	4	38/03	62550	3	16*,28,32,52/03;5,9,10,17/04	71275	3	16,19,33/03
55128	2	26,27,28,32,34,43,50/03;2,6,9,11,13,20/04	61190	4	9/04				71281	7	34/03
55129	7	15,27,34,35,42,45,46/03;6,9,11,20/04	61204	5	22/04	62560	4	16*,18/03;5,8,9,17/04	71285	3	19/03
55130	2	19,32,33,34,39,42,46,50/03;2,6,9,11,17/04	61541	8	41/03	62570	4	17,18,30,35,37,43,50/03;1,5,9,11,12,15,18,23/04	71295	2	19/03
55131	1	19,25,38,39/03;6,9,15,17/04	61542	6	41,46/03				71305	2	23/03
55133	3	34,36,38,46/03;6/04	61581	5	28/03	62572	1	50/03*;11/04	71320	1	33,38/03
55138	4	52/03;6,9,15/04	61582	4	28/03	62580	3	35/03;9/04	71330	13	33,38/03
55139	5	6,15/04	61591	4	28/03	62584	2	7/04	71331	11	33,38/03
55140	2	29,33,34,35,36,42,45,46,47,52/03;2,9,11,17,20/04	61610	7	34/03	62590	2	17,18,21,23,30,37,43,50/03;1,11,12,15,18,23/04	71332	2	33/03
55150	2	15,36,48/03;3,14/04	61612	4	34/03				71335	2	38/03
55160	2	29,41,42/03;3/04	62001	5	28,50/03;9/04	62591	3	N17,N18,N21,N23,N30,N37,N43,N50/03;N1,N11,N12,N15,N18,N23/04	71340	11	33/03
55161	1	17,41,42/03;23/04	62024	13	29/03				71348	3	23/03
55170	2	46/03;6,9,13,15/04	62028	15	13/04	63000	13	40/03;23/04	71349	2	23/03
55180	2	15,29,33,36,39,42,45,46,47,52/03;2,9,11,20/04	62032	16	17,21,41/03;8/04	63005	18	16/03	71400	5	23/03
55190	2	20,27,39,40,51,52/03;2,3,6,9,15/04	62033	3	N17,N21,N41/03;N8/04	63010	14	44/03	71401	1	33/03
55200	2	20,25,26,27,28,32,33,36,39,42,45,46,47,50,52/03;4,11,14,17,20/04	62046	3	19/03*	63015	2	52/03	71410	1	23/03
56011	1	50,52/03;10/04	62090	7	11/04	63020	2	45/03	71420	1	23/03
56031	1	17,21/03	62095	3	32/03	63025	4	39,45/03	71430	3	20,23/03
56041	4	21/03	62097	6	38/03*	63055	2	39/03	71440	2	23/03;11,14/04
56060	9	27*,38/03;18/04	62098	7	33/03*	63065	7	45/03	71455	2	23/03
56063	1	16/03	62100	6	P23,26/03;11/04	63066	7	16,18,37,44,50/03	71460	1	23/03
56064	6	16/03;8,18/04	62110	9	P23,26/03;9/04	63070	3	16/03;23/04	72000	8	20,21,23,24,27/03
56065	3	16,38/03;8,18/04	62142	10	32/03	63090	8	15,30,40/03	72007	10	27,50/03;9/04
56067	3	20,38/03;8,10/04	62143	3	32/03	63091	4	5/04	72014	10	19/03;9/04
56081	19	5/04	62177	3	12/04	63100	2	30/03	72021	8	20,23,27,50/03;9/04
56082	16	29/03	62188	3	50/03	63101	15	15,30,40/03;16/04	72028	7	22/03
56100	14	33/03*	62191	15	15,28/03	63102	19	15,30,40/03;16/04	72035	8	21,27/03;9/04
56101	6	5/04	62195	7	19/03*	63103	17	15,16/03;16/04	72045	2	27/03;9/04
56102	23	5/04	62220	9	21/03*	63110	4	16/03	72050	4	23/03
56103	6	33/03;5/04	62222	5	19/03*	63111	9	16/04	72085	3	15*,50/03;9/04
56104	3	22/03*;5/04	62225	3	17/03	63200	5	30/03;10/04	72100	7	19/03
56105	1	38/03*	62230	2	50/03;9/04	63201	9	30/03	72103	2	19/03
57000	10	43/03	62241	10	5/04	63202	2	30/03;10/04	72105	2	19,50/03;9/04
57035	10	23/03;4,23/04	62250	4	32/03	63210	3	16,30/03	72107	2	19/03
57060	7	43/03	62270	4	29,32/03	63211	4	16/03	72110	9	9/04
57103	2	16/03	62271	5	13/04	63220	5	5/04	72120	3	9/04
57161	4	23/04	62290	3	21,P23,26/03;11/04	63271	8	9/04	72173	2	9/04
57170	1	52/03;20/04	62295	3	21,P23,26/03	63290	7	22/03	72181	2	50/03
57200	6	52/03	62310	2	29/03	63291	9	16/03	72203	2	9/04
57201	5	52/03	62340	3	13/04	63310	5	9/04	72223	8	27/03
57241	12	31/03	62350	3	13/04	63320	2	49/03	72231	8	21/03
57242	8	41/03	62355	6	29/03	63321	6	37,49/03;16/04	72234	2	18,19/03
57245	1	41/03	62366	4	33/03*;9/04	63322	2	49/03	73000	9	20,21/03;10/04
57260	3	23/03	62391	5	33/03*	63324	1	9/04	73002	4	10/04
57261	2	23/03	62393	7	8/04	63370	1	20/03	73004	4	8,10/04
57262	4	23/03	62394	10	8/04	71005	1	16,23/03	73006	2	10/04
57381	12	15,16,23/03;4/04	62395	3	25/03*	71006	5	23/03	73008	8	23/03
57408	2	24/03	62400	17	31/03;13/04	71015	4	23/03	73010	3	10/04
57420	3	23/04	62401	9	41/03;8/04	71018	10	15,21,25,26,27/03	73014	10	10/04
57460	4	29/03	62405	8	43/03	71027	9	18,23,33/03;14/04	73016	4	10/04
57471	3	15/03	62406	2	28/03;9,13/04	71033	31	15,23/03	73018	3	10/04
57480	8	15,23,27/03	62408	7	8/04	71036	8	23,26/03	73020	9	21,22/03;10,21/04
57482	12	24/03	62411	1	10,13,17/04	71040	5	47/03	73022	4	10/04
57483	11	24/03	62412	12	52/03	71045	2	23/03	73030	4	22/03
57484	19	15,23,24,27/03	62413	12	28*,50,52/03;10/04	71066	1	24/03	73032	4	22/03
57487	6	22/04	62417	1	10,13/04	71081	3	21/03	73141	5	10/04
57488	6	24/03;22/04	62420	5	52/03;10/04	71180	29	15,21,23/03	73191	3	10/04
61000	20	15,23,27,31/03;20/04	62432	17	50/03*;11/04	71210	18	23,27/03	73552	4	38/03;18/04
61020	2	27/03	62434	9	17,18,21,23,43,50/03;1,4,5,11,12,15,23/04	71243	5	15/03*	73580	4	43/03
61040	6	31/03;20/04	62437	10	30*,32,35,37/03;5,15/04	71244	3	11/04	73581	4	43/03
61050	4	15,31/03	62440	8	16*,41/03;8/04	71247	18	17,21,22/03;11,12,15/04	73590	6	36,43/03
61051	7	15,24/03	62442	6	24/03	71248	2	16*,17,18,21,32,50/03;9,12,15,18,23/04	73601	3	43/03;12/04
61060	5	27,39/03	62446	3	43/03	71249	2	14/04	73620	2	12/04
61061	9	15,24/03	62449	4	8/04	71251	11	15,21,50/03;10,12,14/04	73631	4	17,40/03
61070	4	39/03	62451	7	5,9/04	71253	10	16,17,21/03;12,14/04	73640	5	16,40/03;10/04
61071	9	18,39/03	62454	4	16*,50,52/03;10/04	71255	6	28/03*;10,11,12/04	73650	5	40/03
61090	5	27/03	62459	2	41/03	71257	2	16/03;10,11,12,14,15/04	73653	1	40/03
61091	5	18,24,27,35/03	62460	4	9/04	71258	2	22/03;10,12,14,15/04	74000	6	18,41/03
61092	13	18,27,35,39/03	62480	2	16*,18,32,41/03;8,9/04	71259	3	15*,17,19,44/03;10,11,14,15/04	74002	2	31/03
61110	3	25/03	62490	2	16*,17,18,21,32,50/03;9,12,15,18,23/04	71261	8	16/03	74003	5	31,34/03
61111	12	25,27,34/03	62498	4	31/03;13/04	71262	7	33/03	74004	2	30/03;12/04
61112	10	35/03	62499	4	31/03	71265	3	15,16,20/03;10,11,14,15/04	74005	2	16,27,30,38/03;15/04
61130	3	9/04	62510	3	8,9/04				74007	1	46/03
61140	5	9/04	62512	3	N8,N9/04				74008	6	15,21/04
			62520	6	20*,28,32,41/03;8,9/04				74009	10	21,36,44/03;21/04
			62521	4	N20*,N28,N32,N41/03;N8,N9/04				74012	10	19,20,27,36,37/03;8,22/04
			62530	6	20*,28,32,52/03;9,17/04				74015	10	21,31,36/03;8,13,22/04
			62531	4	N20*,N28,N32,N52/03;N9,N17/04				74016	3	27,42,48/03
			62540	6	17,18,21,30,35,43,50/03;9,12,15,18,23/04				74017	4	18,31,38/03;13/04
									74020	4	18,31,38/03;13/04
									74021	7	26,31,35/03;13/04
									74024	7	36,49/03
									74027	9	39/03
									74030	6	42/03

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74051	2	42/03	75025	9	25,27,36,38,39/03;8/04	82244	5	20,39/03	94040	13	17,18,28,31,43,51/03;13,18/04
74151	9	20,29,40,41/03;19/04	75035	18	26,27/03;8/04	82253	7	20,39/03;15/04	94042	9	18,24,43,45/03;4,8,13,16/04
74152	11	27,30,34/03;1,13,19/04	75051	6	5,11/04	82280		N39/03;N22/04	94060	10	15,18,24,31,42/03;11,13,18/04
74153	2	27,41/03;1,19/04	75052	2	10,11/04	82571	6	14/04	94061	5	23,41,42,52/03;11,13,18/04
74171	4	18,20,40/03	75130	16	16,19,25,26,37/03;22/04	82683	4	17/03	94063	4	18/03
74172	5	18,40/03	75131	7	17,39/03	82689	3	17/03	94080	7	19,22,32,51/03;15,17,23/04
74181	8	34/03	75132	11	17,19,25,29,32,35/03;9,21/04	82694	6	17/03	94082	8	19,22,51/03;15,23/04
74182	12	17,25,34,38,39,40,41,42,49/03;11,17/04	75134	3	19,29,37,45/03;9,22/04	83020	8	24/03	94120	6	17,18,21/03;15,23/04
74183	11	17,25,38/03	75142	5	35/03;9/04	83025	1	45/03	94122	9	15,17,18,28/03;23/04
74184	10	17,34/03;8,11/04	75143	4	10/04	83034	1	23/04	94123	9	15,17,18,28/03;23/04
74186	7	17,21,27,30,36/03	75144	3	18,25,30,38/03;10/04	83039	11	23/04	94124	13	15,17,25,28/03;23/04
74190	7	16,31,34,39/03	75150	5	16,19,26/03	83425	6	3/04	94127	2	16,18/03
74191	2	29/03;5/04	75160	6	17,18,19,25,32/03	83473	7	37/03	94160	7	16,17,18,19,28,31,41,42/03;6,13,16,17/04
74192	3	40/03	75170	12	25,38/03	83484	10	23,42/03	94165	4	18,24,43/03;13,18/04
74200	8	32,40/03	75171	22	16,26,35,38,40,44/03;10,21/04	83500	1	23/04	94180	9	23,28,44/03;6,16,17,18/04
74201	9	32/03;11/04	75172	5	49/03	83580	2	45/03;23/04	94187	3	23,36,45,46/03;12,18/04
74202	3	27/03	75173	9	20,26,35,38,40/03	83590	1	45/03	94188	2	28/03
74204	5	32,40,46/03;11/04	75175	9	18/03	91005	6	19,42/03	94201	1	24,28/03
74205	2	27,32,35/03;1/04	75176	9	25,26,32,40,44/03;21/04	91020	5	19,46/03	94203	10	24,41,42/03
74206	2	27,32,35/03	75177	7	26,38/03	91025	8	46/03	94206	3	19,44/03;18/04
74210	7	17,37,46/03	75180	2	25,38/03	91030	3	42/03	94207	5	N19/03
74220	8	30,37,46,50/03;11,15/04	75182	2	25,38/03	91175	2	6/04	94216	6	17,42,44,47/03;1,5/04
74221	2	30,38/03	75185	2	36/03	91280	7	19,43,46/03	94217	4	2,5/04
74229	2	18,26,50/03;21/04	75190	2	25,36/03;22/04	91289	19	43/03	94218	3	18/03;2,5,17/04
74230	7	36,46,50/03;12,15/04	75191	6	19,30,34,36,38/03	91294	8	19/03	94219	1	46/03;6/04
74231	7	21,36,50/03;10/04	75193	6	16,19,35/03	91297	9	19/03	94220	4	17,18,33,42,44,47/03;5,18/04
74232	9	21/03;8/04	75207	2	16,33,37,43,49/03	91300	3	46/03	94260	5	31/03
74234	1	17/03	75208	2	30,33/03;22/04	91331	3	42/03	94280	5	15,32/03
74240	8	41,46/03;13/04	75213	2	33,38/03	91340	3	42/03	94281	6	42/03
74251	8	17,21/03;15/04	75215	2	33,38/03	92006	5	10/04	94282	9	7,13/04
74252	9	10/04	75220	12	20,26,39/03;8/04	92025	3	42/03	94283	7	32/03;7,13,14/04
74253	6	16,20,21,30/03;10,13,15/04	75222	8	1/04	92030	4	42/03	94290	2	31/03;7/04
74261	9	30,39/03;21/04	75240	4	27,39/03;8/04	92150	3	43/03	94322	14	47/03;6/04
74265	2	16,21,30/03;10,13,15/04	75241	6	26,35/03	92160	3	43/03	94360	6	2,8,12,16,17/04
74270	3	38/03;10,15,21/04	75251	5	19,37,40/03;13,19/04	92170	3	43/03	94361	13	15/03;2,8/04
74271	9	19,26,27,29,30,38/03;10,21/04	75261	6	26,31,38/03;1,13,19/04	92290	2	19/03	94363	4	16,18,29/03;15,17,21/04
74272	7	19,29,30/03;9,15,21/04	75262	6	16/03;1/04	92296	3	19/03	94380	4	N18/03;N18/04
74273	5	19,27/03;10,15/04	75263	9	26,31/03;1/04	92410	3	42/03	94420	3	23,42,44,47/03;2,12,16/04
74281	7	30,52/03;17/04	75264	17	27,32/03;1/04	92450	3	42/03	94421	10	12/04
74283	2	27,52/03	75265	2	20,31,32,38,40/03	93006	2	43,44,48/03	94423	12	12/04
74285	2	16,38,50/03	76015	1	28,45,52/03;3/04	93010	6	18,24/03	94440	2	18/03;23/04
74286	2	29,35/03	76030	9	52/03;3/04	93018	8	18,24/03	95016	8	21/04
74287	2	47/03	76040	8	47/03	93025	5	45/03	95017	7	23,50/03
74289	5	10/04	76050	8	18,28,52/03	93032	3	24/03	95060	13	17,19,21,23,29,31,33/03;16,17,19,21/04
74290	11	16,27,30,38,50/03;15,18/04	76052	8	28/03	93047	2	24/03	95065	5	31/03
74292	8	27,52/03;1/04	76054	5	52/03	93048	1	33/03	95066	11	17,19,21,23,25,27,31,32,33,37/03;6,17,21/04
74293	3	27,29,35/03;1/04	76056	3	37/03	93160	4	24,47/03	95067	13	17,23,28,37/03;17,20/04
74296	4	27,52/03;15/04	76060	7	52/03	93180	7	47/03	95068	1	17,25,28,29,37/03
74320	3	18,41,43/03	76061	3	52/03	93220	6	47/03	95080	13	17,19,21,24,25,27,28,30,31,32,48,52/03;16,17,19,20,21/04
74340	3	16/03	76070	9	28,45,47,51/03;3/04	93240	11	16,24,47/03	95082	9	17,25,27,28,30,52/03;14,19,21/04
74350	4	16,44/03;21/04	76071	9	28/03	93241	9	16,25/03	95083	8	19,28/03
74376	5	16,44/03	76080	8	18,47/03	93244	7	16/03	95084	4	27,33/03
74380	4	26/03	76081	7	28,37/03	93245	6	16,24/03	95086	5	23,27,31,33/03
74391	3	26/03	76083	3	37/03	93260	8	18,47/03	95087	3	30,31/03;1/04
74392	7	25,49/03	76120	6	45/03	93261	5	47/03	95100	12	17,23,25,27,28,29,31,37/03;4,17,20,21/04
74393	9	39/03;13/04	76121	8	47/03	93280	4	18/03	95101	8	17,28,31/03;17,20/04
74394	2	39/03;13/04	76141	8	28,37,45,52/03	93520	13	15/03	95102	8	17,23,25,27/03;1/04
74420	3	19,27,30/03	76142	1	37,45/03	93650	2	24,28,49/03;2/04	95103	8	19,27,28,31/03
74440	3	22/04	76144	1	28/03	93652	2	24,49/03;2/04	95120	7	21,26/03
74450	3	37/03	76146	1	28,45/03	93680	3	24/03;18/04	95138	8	16,17,19,23,24,25,27,28,30,35,36/03;21/04
74455	3	38,49/03	76147	1	28/03	93688	3	N18/04	95140	15	17,21,24,25,27,29,33,35,37,51,52/03;4,16,17,19,20,21/04
74460	4	20,37/03	76149	4	28/03	93690	2	45/03	95141	8	17,19,21,23,25,29,37,51/03;4,20/04
74465	2	36,38/03	76160	4	28/03	93698	3	28/03;6/04	95142	9	19,23,29/03
74475	2	42,48/03	76161	10	47/03	93710	3	15,43,52/03	95143	11	16,17,19,23,24,25,27,28,30,36/03;21/04
74494	2	16/03	76162	1	18,28/03	93720	10	15,17,20,24,28,42,43,44,48,49/03			
74510	2	17,18,35,38/03;13/04	76170	7	28,52/03	93721	5	17,20,23,25,40,41,43,44,45,46,48,49,50,52/03;1,4,7,8,11,14,16,22/04			
74515	4	31,35/03	76180	1	28/03;3/04	93725	6	24,49/03			
74517	3	31/03	81004	3	37*,43/03;9,10,17,21/04	93726	4	17,45,50/03			
74530	2	36,49/03	81048	9	52/03*;8,9,17,21/04	93730	3	17,24,28,31,41,42,43,46,47,48,49/03;13,14,16,17,23/04			
74535	2	36,38,49/03	81054	14	52/03*;7/04	93733	13	19,20,25,40,41,44,45,47,48,52/03;1,4,8,14,16,23/04			
74545	3	18,32/03	81060	2	43/03;8,9,11,17,21/04	93734	12	51/03*;4,23/04			
74550	4	32/03	81063	5	47/03	93736	24	11*,16,22/04			
74555	3	12/04	81067	6	46/03*;12/04	94004	6	17,18,42/03;6,15/04			
74560	10	18,31,32/03;15/04	81076	10	41*,44/03;12/04	94016	2	17,21,33,47/03			
74581	9	27,31,39,48/03	81092	3	32/03	94028	7	17,21,24,27,31,33,40,51,52/03;1,4,16,17,19,20,21/04			
74582	9	17,20,27,31,39,48/03	81711	6	31/03;1/04	94033	5	19,21,23,29,42,44/03;2,12,16,19,23/04			
74583	15	38,48/03;12/04	81715	4	31/03;1/04						
74584	5	26,27,36,38,39,48/03	82005	5	17/03						
74591	7	38/03;12/04	82010	6	17,39/03;22/04						
74595	2	42/03	82015	13	39/03;22/04						
75000	6	31/03	82020	7	39/03;22/04						
75001	3	31,32/03	82095	2	12/04						
			82105	2	12/04						
			82192	6	43/03						
			82200	2	17,41/03;12/04						
			82201	2	12/04						
			82215	2	41/03						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 23/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95144	9	16,21,23,24,35,37/03; 17/04	96764	3	34/03*	97221	20	17,18,19,20,22,23,25,26, 29,33,46/03;6,7,11,13,17, 18/04	97443	6	15,19,25,47/03
95146	14	16,21,23,24,31,32,35,37, 48/03;20/04	96883	9	11/04				97460	7	19,21,47/03;9,23/04
95147	13	19,23,25,28,29,31,32,35, 36/03;20,21/04	96904	3	34/03*	97222	12	22,29/03;11,17/04	97461	9	19,21,22,23,26/03;9/04
95149	9	19,24,25,27,30,32,35, 52/03;16,20/04	96939	3	22/03	97223	3	16,17,22,23,46/03;21/04	97465	9	19,20,22,33,37/03;6, 12/04
95151	17	19,23,28,29,30,37/03;16, 19,20/04	96941	8	47/03;9,16/04	97224	6	45/03;11/04	97466	2	23,27/03
95152	5	19,28,30,31,32,35/03; 20/04	96942	9	9/04	97225	32	21/04*	97469	10	19,20,22,33,37/03;6, 12/04
95153	2	19,25,32/03;19/04	96943	15	20,22,23,33,42/03;19, 23/04	97226	7	18,41/03;6,22/04	97471	5	N22,N33/03;N6,N10, N12/04
95160	13	17,19,21,24,25,27,33,36, 40/03;1,14,16,17,19, 20/04	96944	6	20/03;17/04	97227	11	18,30,34/03	97472	8	33/03
95161	16	17,19,23,25,27,30,37/03; 20/04	96945	3	20,22,23,42/03;16,19/04	97228	15	15,17,18,20,21,22,27,29, 35,49,52/03;7/04	97474	7	22/03
95162	2	19,30,35/03;20/04	96947	15	23/04	97229	12	18,28,33/03;18/04	97480	7	17,18,21/03;15,23/04
95163	2	17,21/03	96948	8	21,22/03	97230	18	28,33/03	97481	6	18,20/03
95164	4	27/03	96949	21	22/03	97231	11	23,33/03	97483	7	20/03;11/04
95167	10	17,21/03	96960	3	47/03;16/04	97232	9	7*,23/04	97501	2	21*,23/04
95169	2	16,23/03	96962	4	22,33/03;23/04	97233	12	15*,17/04	97521	6	16,18,20/03
95171	1	21,37/03	97000	3	17,40/03	97234	17	16,41/03;7,22/04	97564	3	16/03
95172	1	21,32/03	97005	9	47/03;17/04	97235	2	52/03*	800669	8	N1,N16/04
95173	1	28/03	97015	10	16,17/04	97236	20	16,23,35,41/03;13,22/04	800744	1	N16,N36,N47,N50/03; N10/04
95174	1	27/03	97021	7	40/03;16,17,19,20,21/04	97237	6	41/03	801217	1	N19,N20,N22,N33, N37/03;N6,N12/04
95176	2	30,35/03	97026	10	23/04	97238	11	12/04	801885	3	N34/03
95180	11	21,23/03	97029	3	40/03;16/04	97239	10	16,23/03	801902	9	N25,N31/03;N14/04
95185	2	35/03	97040	5	23/04	97241	6	1,23/04	801953	1	N39,N52/03
95200	6	23/03	97041	9	22/03	97242	8	21,27,33/03;14,22/04	802260	5	N1,N23/04
95243	4	15/04	97042	7	20/03	97243	11	29/03	803404	2	N8/04
95250	4	16,20,22,36/03;19/04	97043	2	20/03	97244	7	13/04	804059	2	N43/03
95258	3	16,18/03	97060	8	22,26/03	97246	7	17,36,52/03	804567	4	N31/03;N9/04
95261	7	16,23,28,36,47/03;14, 21/04	97061	4	21/04*	97251	4	17,36,52/03	805118	3	N36/03;N12/04
95262	13	27,36/03	97062	12	22,26,34,35/03;10/04	97261	15	18,21,26,44/03;1,13,22, 23/04	805647	2	N30/03;N8,N13/04
95264	8	25/03	97063	2	48/03*	97262	10	15,21,26,33,46/03;2,13, 14,22/04	805980	4	N23/04
95267	6	15/04*	97064	2	33,45/03	97263	10	15,18,21,46/03;2,14/04	806927	8	N25,N30,N39/03
95270	5	21/04*	97065	2	48/03*	97266	5	15,18,26,42/03;1,2,7, 23/04	807370	5	N17,N25,N30,N31, N39/03;N14/04
95271	4	20,26,36/03	97080	6	21/04*	97267	16	18,26,27,42/03;7,9,13/04	807861	2	N22/03
95273	2	12/04	97100	4	16,17,26,49/03;16,17/04	97269	11	18,27/03;7/04	809055	7	N16/03
95274	4	15/04*	97101	2	50/03*	97270	6	7,13/04	809679	2	N27/03
95276	4	1/04*	97104	4	41/03	97271	12	26,35,41,44/03;9,17/04			
95280	10	21/04*	97105	3	41/03;17/04	97272	11	23,37,47/03;1,9,13,19/04			
95281	15	36,45/03	97108	6	16,17,25,40,44,45,49/03	97273	11	34*,52/03;1,9/04			
95282	7	19,20,22,23/03;12,19/04	97110	4	16,17,25,40,44,45,46,49, 52/03	97274	19	15,17,18,23,37,47,52/03; 7,9,21/04			
95285	3	18,20/03;12/04	97112	17	16,25,40,44,45,46,49, 52/03	97275	3	52/03*			
95300	6	21*,22/04	97141	5	20/03;6/04	97276	2	50/03*			
95320	15	20,21,26,33,40/03;10,13, 14/04	97143	12	21/04*	97277	12	21/04*			
95341	8	40,44/03;10,13,14/04	97144	14	20,39,44,49/03;6/04	97278	12	14/04*			
95342	16	16,20/03;10,13/04	97145	1	25,40,45,47/03	97279	9	27/03			
96000	5	17,20/04	97146	10	15,39/03	97281	3	50/03*			
96004	14	16/04	97148	9	27/03	97285	6	17,36/03;7,21/04			
96016	7	51/03	97149	20	16,25/03;12/04	97286	6	17,35,36,38/03			
96028	5	51/03;20/04	97150	13	20,27,42,49/03	97287	5	20/03			
96032	3	34,51/03;20/04	97151	16	16,20,25,49/03	97300	6	25,26/03;6,22/04			
96036	2	36/03;15/04	97152	9	1*,6/04	97303	3	45/03			
96039	7	23,44/03;8,15/04	97153	8	52/03*	97304	1	22/04			
96041	11	39,44,45/03;8,11,20/04	97155	14	18,20,28/03;10,12,20/04	97320	6	25,46/03;6,14,21,22/04			
96042	11	21,39,40,44,45/03;8,11, 20/04	97157	2	40/03*;1/04	97340	8	16,17,18,22,36,46,47/03; 9,14/04			
96043	8	11/04	97158	5	50/03*	97341	9	16,21,47/03			
96044	10	23,38,51/03;2,7,20/04	97159	6	16,44,46,52/03	97342	14	17,18,22,27,43/03			
96120	6	21/03	97163	14	36/03;11/04	97343	12	17,25/03;9/04			
96320	4	51/03	97164	1	16,52/03	97345	2	50/03			
96340	4	45,51/03	97165	1	16,52/03	97346	6	18,27,43,45,47/03			
96381	2	50/03	97166	1	21,46/03	97380	7	16,23,38,40,45/03;17, 23/04			
96382	2	21/03	97167	2	21/03;23/04	97381	7	27,43,45/03			
96440	3	11/04	97180	6	20,22,26,44/03;19/04	97382	2	42/03			
96441	1	50/03;20/04	97181	20	17,18,20,22,23,26,27,35, 44,46/03;1,7,19/04	97383	16	42,46,47/03;22/04			
96480	3	51/03;11/04	97182	13	17,18,20,21,22,23,27,35, 46/03;1,9,21/04	97384	4	19/03			
96500	6	39/03;8/04	97183	9	16,18,22,26,43,44/03	97385	10	46,47/03;22/04			
96520	7	8,20/04	97184	15	18,22,39,44/03	97387	2	42,46/03;10/04			
96521	3	21/03	97185	2	46/03	97389	2	45*,47/03			
96540	5	11/04	97187	3	18/03;2,16/04	97390	5	16,36/03;7,22/04			
96560	5	51/03	97188	3	50/03*;7,9/04	97391	26	16/03			
96620	3	38/03;11/04	97189	2	18,22,39,43/03	97392	5	21,23,26,33,38/03			
96621	5	38/03;11/04	97190	2	19/04	97396	14	16,17,23,33,38/03;2/04			
96640	5	15/04	97200	9	16,17,22,25,26,29/03;17, 23/04	97397	7	16,26,44,49/03			
96645	1	15/04	97201	7	18,28/03	97398	4	43/03*			
96660	4	36/03	97202	15	20,25/03	97400	4	34*,44,49/03			
96760	4	17/04	97204	9	19,20,25,33,43,45,47/03; 13/04	97412	7	47/03			
96762	4	50/03*;16/04	97205	3	18,28/03	97420	17	33,38,40,45/03;1,13,14, 17,23/04			
96763	7	17,32,37,45/03;6,16, 21/04	97206	3	50/03*;13/04	97421	13	20,26,36/03			
			97218	3	33/03	97423	2	20,26,36/03;10,17/04			
			97219	4	20,23,25,47/03;13/04	97425	6	45/03;1,2,23/04			
			97220	3	17,18,23,29,33,46,49/03; 6,18/04	97440	8	16,19,27,43,47/03;9/04			
						97441	5	47/03;14/04			

SECTION II

NM 23/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
REGION 1							
11XHA11355 (7642014010227)	Catahoula Bay to Wax Lake Outlet including the Houma Navigational Canal (Not shown on index)	40,000	<u>26</u>	<u>4/04</u>	NOS	1-94	23/04
11XHA11372 (7642014010234)	Dog Keys Pass to Waveland (Not shown on index)	40,000	<u>31</u>	<u>3/04</u>	NOS	1-94	23/04
11XHA11385 (7642014010231)	West Bay to Santa Rosa Sound Extension: East Bay (Not shown on index)	40,000 80,000	<u>26</u>	<u>3/04</u>	NOS	1-94	23/04
13BHA13235 (7642014010437)	<u>Woods Hole</u>	5,000	<u>6</u>	<u>4/04</u>	NOS	1-28,95	23/04
<u>14ACO14000</u> (<u>7642015176709</u>)	<u>Can 4023, Northumberland Strait</u> (Change legend 14002 to 14000 on graphic p. 1-35 in 47-20N 061-00W)	<u>300.000</u>		<u>12/02</u>	<u>CHS</u>	1-32,35,95	23/04
<u>14ACO14001</u> (<u>7642015176711</u>)	<u>Can 4012, Yarmouth to Halifax</u> (Change legend 14005 to 14001 on graphic p. 1-35 in 43-05N 062-45W)	<u>300.000</u>		<u>2/03</u>	<u>CHS</u>	1-32,35,95	23/04
14ACO14002 (7642014010480)	Canceled					1-32,35,95	23/04
<u>14ACO14004</u> (<u>7642015176710</u>)	<u>Can 4015, Sydney to Saint-Pierre</u> <u>45 30 01N 60 28 54W</u> <u>47 50 00N 55 53 57W</u>	<u>350.000</u>		<u>3/03</u>	<u>CHS</u>	1-32,35,51,95	23/04
14ACO14005 (7642014010485)	Canceled					1-32,35,95	23/04
<u>14ACO14006</u> (<u>7642015176712</u>)	<u>Can. 4016, Saint-Pierre to St. John's</u> <u>45 35 01N 56 24 56W</u> <u>47 55 01N 51 44 56W</u>	<u>300.000</u>		<u>6/03</u>	<u>CHS</u>	1-50,51,95	23/04
<u>14ACO14011</u> (<u>7642015176713</u>)	<u>Can. 4047, St. Pierre Bank to Whale Bank</u> <u>43 01 30N 56 29 57W</u> <u>47 10 00N 52 28 45W</u>	<u>400.000</u>		<u>10/98</u>	<u>CHS</u>	1-50,51,95	23/04
17BHA17432 (7642014011411)	Clarence Strait and Moira Sound	40,000	<u>7</u>	<u>4/04</u>	NOS	1-98	23/04
REGION 3							
<u>35ACO35005</u> (<u>7642015122469</u>)	<u>UKHO 278, North Sea Offshore Charts</u> <u>57 00 00N 1 25 00W</u> <u>58 09 45N 1 53 52E</u>	<u>200.000</u>		<u>7/94</u>	<u>UKHO</u>	3-12,13,30	23/04
<u>35ACO35013</u> (<u>7642015122474</u>)	<u>UKHO 1409, Buckie to Arbroath</u> (Change legend 35100 to 35013 on graphic p. 3-13 in 58-10N 000-55W)	<u>200.000</u>		<u>12/93</u>	<u>UKHO</u>	3-12,13,30	23/04
<u>35ACO35014</u> (<u>7642015122473</u>)	<u>UKHO 1407, Montrose to Berwick-Upon-Tweed</u> (Change legend 35080 to 35014 on graphic p. 3-13 in 56-50N 000-15W)	<u>200.000</u>		<u>10/02</u>	<u>UKHO</u>	3-12,13,30	23/04
<u>35BHA35025</u> (<u>7642015122483</u>)	<u>UKHO 2567, Approaches to Tees Bay</u> (Change legend 35041 to 35025 on graphic p. 3-13 in 54-40N 000-45W)	<u>30.000</u>		<u>8/01</u>	<u>UKHO</u>	3-12,13,30	23/04
35BHA35041 (7642014012326)	Canceled					3-10,25	23/04
<u>35ACO35055</u> (<u>7642015122499</u>)	<u>UKHO 115, Moray Firth</u> (Change legend 35120 to 35055 on graphic p. 3-13 in 58-40N 001-10W)	<u>200.000</u>		<u>8/93</u>	<u>UKHO</u>	3-12,13,30	23/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
35ACO35080 (7642014012283)	Canceled					3-12,13, 30	23/04
35ACO35100 (7642014012279)	Canceled					3-12,13, 30	23/04
35ACO35120 (7642014012280)	Canceled					3-6,10, 25	23/04
MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDX003 (7644014398358)	Indian Ocean		<u>13</u>	<u>3/04</u>	DS	10-43	23/04
COMDTM165022 (7642014014635)	<u>Light List (Vol. II)-Atlantic Coast (Toms River, New Jersey to Little River, South Carolina), 2004</u>				GPO	10-25	23/04
COMDTM165023 (7642014011219)	<u>Light List (Vol. III)-Atlantic and Gulf Coast (Little River, South Carolina to Econfina River, Florida includes Puerto Rico and the U.S. Virgin Islands), 2004</u>				GPO	10-25	23/04
COMDTM165024 (7642014011223)	<u>Light List (Vol. IV)-Gulf of Mexico (Econfina River, Florida to Rio Grande River, Texas), 2004</u>				GPO	10-25	23/04
LLPUB116 (7642014007540)	<u>Baltic Sea with Kattegat, Belts and Sound and Gulf of Bothnia, 2004</u>				GPO	10-22	23/04

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

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NAVIGATION PUBLICATIONS

USCG LIGHT LIST VOLUMES I - VII
CORRECTIONS

VOLUME II (USCG)	Ed 2004	NEW EDITION 23/04
VOLUME III (USCG)	Ed 2004	NEW EDITION 23/04
VOLUME IV (USCG)	Ed 2004	NEW EDITION 23/04

NGA LIST OF LIGHTS CORRECTIONS

PUB 116 (NGA)	Ed 2004	NEW EDITION 23/04
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SAILING DIRECTIONS CORRECTIONS

PUB 126	6 Ed 2002	LAST NM 16/04
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Page 15—Lines 17 to 47/R; read:

Makemo (16°32'S., 143°40'W.) is one of the most important and frequented atolls in Iles Tuamotu. The atoll is about 38 miles long in a NW and SE direction and is 4 to 9 miles wide. The N side is wooded, but the S side, generally above water level, is bare, and is very dangerous to approach at night.

There are two passes into the lagoon of Makemo that were reported to be marked by beacons with radar reflectors. Passe Arikitamiro, on the N side, about 12 miles W of the E extremity, leads SSE into the lagoon. The village of Pouheva is situated on the W side of the pass. Passe Tapuhiria is located on the NW extremity of the atoll. The village of Ohava is situated NE of the pass.

Passe Arikitamiro is easily identified by the break in the trees and a light which stands on a white tower on the W side of the entrance. A white cement tank and a two storied school are also reported to be visible.

Tides—Currents.—The ebb current is said to run out of these passes at a rate of 8 to 9 knots when the winds are between the S and SE. Under all conditions the currents are always strong; slack water is of short duration. Vessels should guard against yawing in the passes due to the strong currents.

Depths—Limitations.—Passe Arikitamiro is about 0.1 mile wide with depths of 27m on the leading line (148°), reducing to approximately 14m farther SSE. Within the entrance it is divided into three channels by two coral shoals. The middle channel should be used by larger vessels.

A jetty 230m in length extends S from the shore to the S extremity of Pirautoe, an extending spur of the coastal reef. At the head of the jetty, on the W side, is a quay 40m in length, with a depth alongside of 6m.

Passe Tapuhiria, on the W extremity of the island, has a width of about 90m and a depth of 7m; it should only be entered by vessels with local knowledge.

Anchorage.—Anchorage may be taken in the lagoon SW of Passe Arikitamiro, with **Pouheva Light** (16°37.2'S., 143°34.1'W.) bearing 030°, distant 0.6 mile, in a depth of 15m. Anchorage is available in the lagoon 0.8 mile E of Passe Tapuhira, in a depth of 23m.
(BA NM 02/04, Section IV) 23/04

Page 26—Lines 14 to 19/R; read

1.65 Passe Matauvau (17°34'S., 149°52'W.), about 0.9 mile SSE of Passe Avamotu, is 0.2 mile wide and has a depth of 6.5m. Shoal water extends about 0.2 mile SW from the reef on the N side of the pass and the sea nearly always rolls heavily onto this shallow area. The current running out of the pass sets toward it.

(BA NM 49/03, Section IV)

23/04

Page 29—Lines 15 to 27/R; read:

Passe Paipai (16°40'S., 151°31'W.), on the SW side of the island, provides access to Baie Hurepiti; it also gives access to the inner channel which encircles the island. There is a quay for coasters on the S shore of **Baie Tapuamu** (16°37'S., 151°33'W.); the quay has a depth of 6m alongside.

The pass is deep between the reefs on either side, which are awash. South winds cause a heavy swell in this pass.

Range lights standing on Pointe Pari (Pointe Tepari) lead through the pass.

Currents in the pass are reported to be strong.

Baie Hurepiti, entered between Pointe Pari and Pointe Tiamahana, 0.5 mile SSE, affords anchorage, in depths of 25 to 30m, sand, good holding ground. Anchorage is prohibited between the village of Tapuamu and Tautau islet due to the presence of undersea electrical cables.

(Fr NM 38/03, Section 2.3)

23/04

Page 267—Lines 41 to 52/R; read:

Pilotage.—Pilotage is available on request 24 hours a day but is not compulsory. Vessels must advise ETA to Port State Control 48 hours prior to arrival. Vessels should contact Yap Port Control when 10 miles from the harbor entrance. The pilot will board vessels 1 mile SE of Entrance Rock in position 9°28'N, 138°09'E.

Regulations.—Vessels are urged to contact the local authorities for the latest information on regulations and arrival procedures.

Pratique should be requested at least 24 hours prior to arrival through Yap Radio. Normally ship movements are allowed between 0600 and 1800. Except in case of emergency, arrival and departure will be limited to daylight hours only.

(BA NM 49/03, Section VI)

23/04

Page 269—Lines 1/L to 32/R; read:

The Republic of Palau (including Islands and

PUB 126 (Continued)

Reefs to the Southwest)

10.38 The Republic of Palau consist of 243 islands, eight of which are of significant size. All of the islands in the chain are forested. The Palau reef, partly barrier and partly fringing, encloses all the islands except two small atolls to the N and the island of Ngeaur to the SW. The barrier reef is developed on the W side and extends about 65 miles in a general SW direction from the W entrance of Kossol Passage to the island of Peleliu, where it merges with the fringing reef surrounding that island. The W limit of the reef lies about 6 miles from the nearest island. Important passages through this part of the reef lie W and NW of the N half of Babelthuap. The barrier reef to the E is poorly developed and has numerous passes. The reef extends NE from the fringing reef around Peleliu to midway along the E coast of Babelthuap, where it merges with the fringing reef along the NE coast of this island. The Palau reef encircles Kossol Passage N of Babelthuap, completing the barrier reef.

Some of the islands appear to be of volcanic origin. They attain a greatest height of 242m in a peak in the NW part of Babelthuap. The islands S of this island are of coral and limestone formation. Peleliu and Ngeaur are flat, but on the others there are narrow hills sloping steeply down to the sea. On all of these hilly islands there has been erosion at the water's edge by the sea, forming grottoes.

Winds—Weather.—The best weather prevails between 0900 and 1400. Surface winds over the sea and on the lee shores are strongest at 0300 and weakest at 1500.

During the Northeast Monsoon (November through April), the prevailing winds are ENE, with a frequency of 60 per cent in November, 93 per cent in January, and 82 per cent in April. The average velocity is 12 knots in December through February, and from 8 to 10 knots for the remainder of the period. Calms occur from 5 to 10 per cent of the time. Gales occur very rarely. Southwest winds sometimes occur in April.

East winds continue through May and June. July through October is characterized by general light and variable winds, with increasing frequency from the SW and W. Velocities average only 6 to 8 knots. Calms occur from 10 to 15 per cent of the time. Gales are rare. In general, prevailing wind directions are ENE in May and June, SW in August and September, and evenly distributed between ENE and SW in July and October.

Typhoons appear to be more intense during the spring period (March to June).

February through April are the driest months. Two-thirds of the rainfall occurs in May through October. July, with an average of 480mm, has the maximum of any month.

Tides—Currents.—The E countercurrent, between the Republic of Palau and 2°N, is experienced throughout the year. Velocities up to 2 knots have been frequently experienced and velocities between 2 knots and 3 knots have been reported.

Currents in the Palau area are variable and attain velocities of 1 to 1.5 knots. Eastward of the group the current

usually sets S, but E or NE currents, with the same velocities, have been reported. A W set prevails N of the group. Northwest and W currents have been reported W of the group.

Local and tidal currents in the vicinity of Ngeaur are extremely variable. In the channel between Ngeaur and Peleliu, W currents of 3 to 4 knots have been reported at spring tides. An earlier report stated that the currents set E through the channel at the same velocity. East sets of 1.5 knots have been reported S and E of Ngeaur. Northwest sets have been reported W of the island.

The shape of the reef influences the tidal currents off the E and W sides of the islands of Palau. In the various channels and passages, the tidal currents turn at the time of HW and LW.

10.39 Ngeaur (Angaur) (6°54'N., 134°08'E.), the S island of Palau, is densely wooded and rises to a height of 61m on its NW side. A tower stands about 0.1 mile within the E end of the island; another tower is situated about 0.4 mile farther W. An old lighthouse is situated 0.2 mile S of the N end of the island. A white shrine stands on the NW point of the island.

A former Loran station is situated on the NE side of the island. The buildings and nearby airfield are conspicuous. A red water tower stands near the center of the island.

In 1990, it was reported that a light is shown from the S end of the island.

Ngeaur Harbor is located on the W side of the island. It was the site of a phosphate mining and loading operation. All these facilities have deteriorated and fouled the harbor. A small craft basin is situated on the W side of the island near the main settlement. During the season of W winds, a heavy swell sets in and the harbor is unsafe.

Anchorage.—Anchorage cannot be taken at Ngeaur; however, a vessel 55m in length has reported anchoring (1985) about 309°, 0.75 mile from the island's SW extremity, in a depth of 16.4m. Although the vessel reported anchoring under favorable weather conditions, this anchorage cannot be recommended. A vessel has anchored on Hydrographer Bank, but reported a strong set and a risk of dragging.

(US CH 81141)

23/04

PUB 163

8 Ed 2002

LAST NM 16/04

Page 230—Lines 45 to 47/L; read:

Caution.—A rectangular-shaped Danger Area, best seen on the chart, extends 5 miles E and W of Tanjung Selatan to a distance of 12 miles off shore. A wreck is reported (2004) to lie 5 miles SE of Tanjung Selatan within the Danger Area. Dangerous wrecks lie 33 miles ENE, 41 miles ENE, and 46 miles E of Tanjung Selatan. All these wrecks lie within 20 miles of the coast.

(4(22)04 Jakarta)

23/04

Page 240—Line 50/R to Page 241—Line 8/L; read:

Another pipeline, which joins the terminal pipeline about halfway between the SBM and the shore, extends E about 19 miles. This pipeline ends in a Restricted Area.

Anchoring is prohibited within 0.75 mile of the pipelines.

PUB 163 (Continued)

The ETA for Senipah Oil Terminal should be sent 72 hours, 48 hours, and 24 hours prior to arrival through "Pertamina" coast radio stations at Jakarta, Merak, or Balikpapan. There is a port radio station at the terminal.

There are no pilots, but a mooring master boards at the sea anchorage. Berthing takes place in daylight only; unberthing by day or night.

Vessels under 60,000 dwt arriving at the terminal should have a draft forward of 5m and a draft aft of 8m.

Vessels over 60,000 dwt should have a draft forward of 7m and a draft aft of 9m.

Caution.— A wreck is reported (2004) to lie on the 50m curve, 9 miles SE of the Senipah Terminal SBM.

Sungai Mahakam Delta

(4(24)04 Jakarta)

23/04

PUB 195 7 Ed 2002 LAST NM 12/04

Page 30—Lines 9 to 11/R; read:

contacted by VHF and board as follows:

1. In the vicinity of Khalli Lighted Buoy (60°24.5'N., 28° 05.0'E.), moored at the N end of the TSS.

2. In the vicinity of the lighted buoy moored 0.6 mile W of the light (Povorotnyy) shown from the N end of Ostrov Mayachnyy (60°34.5'N., 28° 25.6'E.).

(BA NP 286)

23/04

Page 30—Line 17/R; read:

Regulations.—Between the inner pilot boarding place and Banka

(BA NP 286)

23/04

Page 30—Lines 27 to 32/R; read:

All inbound vessels should send a message to the Port Authority at least 48 hours in advance. In the case of their voyage being less than 48 hours, vessels should send a message not later than 1 hour after leaving their last port of call. The message should include the ETA at the pilot boarding place, last port of call, volume and nature of cargo to be discharged or loaded, details of any dangerous cargo, details of any heavy lifts, name of charterer, length, draft, number of passengers, and details of any services required.

Vessels entering the port areas with maximum allowable drafts are considered to be constrained by their drafts. Such vessels must display one black ball by day and one all-round red light at night above the forward steaming light.

The use of tugs is compulsory for vessels over 100m in length without a bow thruster arriving at Vyborg. Tugs are also compulsory for vessels over 80m in length and 5m draft leaving Vyborg.

(BA NP 20)

23/04

Page 30—Line 50/R; read:

turns NE and leads to the inner pilot boarding place off Ostrov

(BA NP 286)

23/04

Page 30—Lines 57 to 60/R; read:

of Mys Krestovyy to the inner pilot boarding place in the vicinity of Ostrov Mayachnyy.

A deep-water route also leads into the port. This channel, which is swept to a depth of 10.7m (1996), is marked by buoys. It branches NNE for about 0.7 mile from the NW side of the Safety Fairway at a position located about 1 mile SW of Banka Hallikivi (Khallikivi). The channel then leads ENE for about 0.6 mile and SE for 0.3 mile, passing N of Banka Hallikivi and SW of Mys Ostryy. It continues E for about 0.2 mile and joins the main fairway close outside the port entrance.

(BA NP 20)

23/04

Page 31—Lines 1 to 6/L; strike out.

(NGA)

23/04

Page 31—Line 15/L; read:

area.

A recommended route, which may best be seen on the chart, extends in a N direction from the vicinity of Veprevskiy Light (60°28'N., 28°26'E.) to the inner pilot boarding place located W of Ostrov Mayachnyy. It is reported (2002) that navigation along this route is prohibited for foreign vessels.

(Rus CH 23001)

23/04

Page 31—Lines 34 to 37/L; read:

from the canal administration must be received in advance.

The canal has floodlights so that it can accommodate traffic at night as well as in limited visibility. Transit of the canal takes between 6 and 8 hours, depending on traffic. Speed is limited to 6 knots in the canal and 8 knots in the lakes. With the use of icebreakers, the season usually starts in early April and extends into January.

Pilotage is compulsory. Transit of the canal as far as Brusnitchnoe is carried out by Russian pilots. Finnish pilots then take vessels to Malkia Lock, at the N end of the canal.

(BA NP 20)

23/04

COAST PILOT CORRECTIONS**COAST PILOT 7 36 Ed 2004 Change No. 10
LAST NM 21/04**

Page 88—Paragraph 785; read:

32°43'08.2"N., 117°12'58.0"W.

(33 CFR 110.210)

23/04

Page 110—Paragraphs 1432 to 1435; read:

§117.169 Mare Island Strait and The Napa River.

(a) The draw of the Mare Island Drawbridge, mile 2.8, at Vallejo shall open on signal between the hours of 9 a.m. and 7 p.m. daily, and upon two hours advance notice all other times. When the drawbridge operator is present, mariners may contact the drawbridge via marine radio or telephone at (707) 648-4313 for drawspan operation. When the drawbridge operator is not present, mariners may contact the City

COAST PILOT 7 (Continued)

of Vallejo via the same telephone number to schedule draw-span operation.

(FR 4/23/04; CL 599/04) 23/04

Page 120—Paragraph 1609; read:

§147.20 Definitions.

Unless otherwise stated, the term “attending vessel” refers to any vessel which is operated by the owner or operator of an OCS facility located in the safety zone, which is used for the purpose of carrying supplies, equipment or personnel to or from the facility, which is engaged in construction, maintenance, alteration, or repair of the facility, or which is used for further exploration, production, transfer or storage of natural resources from the seabed beneath the safety zone.

(33 CFR 147) 23/04

Page 212—Paragraph 3680; read:

§334.890 Pacific Ocean off Point Loma, Calif.; naval restricted area.

(33 CFR 334) 23/04

Page 235—Paragraph 31, line 4; read:

and mooring buoys, pipes, and stakes.

Pacific offshore platforms are regulated by **safety zones** administered and enforced by the United States Coast Guard. (See **33 CFR 147**, chapter 2, for limits and regulations.) If, for safety reasons, a vessel must approach an offshore platform, it is essential to notify the operator of the platform and/or the Captain of the Port on VHF-FM channel 16 for permission to enter the safety zone. Boarding or mooring to a platform is strongly discouraged and may be considered trespass unless permission is given in advance from the platform operator or Captain of the Port, or access to the platform is required as a result of emergency circumstances.

(CL 454/04) 23/04

Page 249—Paragraph 39, line 5; read:

local naval authorities. (See **334.890**, chapter 2, for limits and regulations.) The area in the lee of Point ...

(33 CFR 334.890) 23/04

Page 261—Paragraph 203, lines 2 to 4; read:

147.1 through 147.20, 147.1104, 147.1108, and 147.1111, chapter 2 for limits and regulations and chapter 3 under ‘**Oil well structures**’ for additional information.)

(33 CFR 147; NOS/04) 23/04

Page 282—Paragraph 561; read:

Safety zones

Safety zones have been established around oil drilling platforms and an offshore storage and treatment vessel mooring area, about 13 miles W of Goleta Point, in

34°23'27"N., 120°07'14"W. (**Platform Hondo**);

34°22'36"N., 120°10'03"W. (**Platform Harmony**);

34°21'01"N., 120°16'45"W. (**Platform Heritage**); and

34°24'19"N., 120°06'00"W. (**vessel mooring area**). (See **147.1 through 147.20, 147.1105, 147.1106, 147.1114 and 147.1115**, chapter 2 for limits and regulations and chapter 3

under ‘**Oil well structures**’ for additional information.)

(33 CFR 147; NOS/04) 23/04

Page 282—Paragraph 574, lines 2 to 6; read:

drilling platforms in

34°27'19.0"N., 120°38'47.0"W. (**Platform Hermosa**);

34°28'09.5"N., 120°40'46.1"W. (**Platform Harvest**); and

34°29'42.0"N., 120°42'08.0"W. (**Platform Hidalgo**). (See **(147.1 through 147.20, 147.1109, 147.1110, and 147.1112**, chapter 2 for limits and regulations and chapter 3 under ‘**Oil well structures**’ for additional information.)

(33 CFR 147; NOS/04) 23/04

Page 294—Paragraph 153; read:

Safety zones

Safety zones have been established around the oil drilling platforms and an offshore storage and treatment vessel mooring area in:

(NOS/04) 23/04

Page 294—Paragraphs 159 to 160; read:

34°24'19"N., 120°06'00"W. (**an offshore storage and treatment vessel mooring area**);

34°22'36"N., 120°10'03"W. (**Platform Harmony**);

(33 CFR 147; NOS/04) 23/04

Page 294—Paragraph 165; read:

34°36'37.5"N., 120°43'46.0"W. (**Platform Irene**). (See **147.1 through 147.20, 147.1102, 147.1103, 147.1105 through 147.1107, 147.1109, 147.1110, and 147.1112 through 147.1116**, chapter 2, for limits and regulations and chapter 3 under ‘**Oil well structures**’ for additional information.)

(33 CFR 147; NOS/04) 23/04

COAST PILOT 8 25 Ed 2003 Change No. 32 LAST NM 22/04

Page 328—Paragraph 18, lines 1 to 2; read:

Little Branch Bay Light (56°18'15"N., 134°50'44"W.), 109 feet (33.2 m) above the water, shown from a skeleton tower ...

(LL/04) 23/04

Page 333—Paragraph 97, lines 1 to 2; read:

Cape Edgecumbe Light (56°59'54"N., 135°51'27"W.), 100 feet (30.5 m) above the water and shown from a skeleton

... (LL/04) 23/04

Page 333—Paragraph 102, lines 3 to 4; read:

marked by **Vitskari Island Light** (57°00'00"N., 135°32'44"W.), 50 feet (15.2 m) above the water, and shown from a

... (LL/04) 23/04

Page 334—Paragraph 120, lines 4 to 5; read:

wooded. **The Eckholms Light** (57°00'36"N., 135°21'33"W.), 33 feet (10.1 m) above the water and shown from a

COAST PILOT 8 (Continued)

- skeleton ...
(LL/04) 23/04 Page 367—Paragraph 37, lines 1 to 2; read:
Pelican Entrance Light (57°57'21"N., 136°13'48"W.), 17 feet (5.2 m) above the water and shown from a post with a ...
(LL/04) 23/04
- Page 340—Paragraph 213, lines 4 to 5; read:
Strait. It is marked by **Neva Point Reef Light 12** (57°14'04"N., 135°33'07"W.), 17 feet (5.2 m) above the water, with ...
(LL/04) 23/04
- Page 341—Paragraph 221, lines 1 to 3; read:
Entrance Island, small and wooded is close to **Zeal Point. Entrance Island 24** (57°17'30"N., 135°36'21"W.), 30 feet (9.1 m) above the water and shown from a skeleton ...
(LL/04) 23/04
- Page 341—Paragraph 226, lines 1 to 2; read:
Kane Islands Light 25 (57°19'22"N., 135°39'46"W.), 40 feet (12.2 m) above the water and shown from a square frame ...
(LL/04) 23/04
- Page 349—Paragraph 59, lines 3 to 4; read:
Island. **Otstoia Island Light** (57°33'41"N., 135°27'01"W.), 17 feet (5.2 m) above the water, is shown from a skeleton tower ...
(LL/04) 23/04
- Page 350—Paragraph 69, line 4; read:
(57°35'06"N., 135°23'36"W.), 14 feet (4.3 m) above the water, is ...
(LL/04) 23/04
- Page 350—Paragraph 74, line 4; read:
Point Benham Light (57°28'59"N., 135°11'52"W.), 19 feet (5.8 m) ...
(LL/04) 23/04
- Page 351—Paragraph 86, lines 3 to 4; read:
tides. It is marked by **McClellan Rock Light** (57°27'11"N., 135°01'37"W.), 17 feet (5.2 m) above the water from a cylindrical ...
(LL/04) 23/04
- Page 351—Paragraph 94, line 3; read:
Light (57°27'48"N., 134°52'00"W.), 35 feet (10.7 m) above the water, ...
(LL/04) 23/04
- Page 359—Paragraph 66, line 8; read:
(57°43'42"N., 136°16'36"W.), 60 feet (18.3 m) above the water, and ...
(LL/04) 23/04
- Page 361—Paragraph 98, line 8; read:
Strait Light 2 (57°50'42"N., 136°26'08"W.), 53 feet (16.2m) above ...
(LL/04) 23/04
- COAST PILOT 8 25 Ed 2003 Change No. 33**
- Page 368—Paragraph 54, line 7; read:
Hills Island Light (58°09'13"N., 136°23'05"W.), 80 feet (24.4 m) ...
(LL/04) 23/04
- Page 369—Paragraph 62, line 7; read:
Lavinia Light (58°13'20"N., 136°21'17"W.), 60 feet (18.3m) above ...
(LL/04) 23/04
- Page 370—Paragraph 76, line 7; read:
Light (58°16'20"N., 136°24'08"W.), 64 feet (19.5 m) above the water, ...
(LL/04) 23/04
- Page 371—Paragraph 94, line 3; read:
(58°19'08"N., 136°02'27"W.), 42 feet (12.8 m) above the water, is shown ...
(LL/04) 23/04
- Page 371—Paragraph 94, line 6; read:
South Passage Light (58°15'20"N., 136°06'56"W.) marks ...
(LL/04) 23/04
- Page 371—Paragraph 99, line 3; read:
(58°17'10"N., 135°46'58"W.), 20 feet (6.1 m) above the water ...
(LL/04) 23/04
- Page 372—Paragraph 102, lines 1 to 2; read:
Icy Passage Light 2 (58°23'12"N., 135°37'45"W.), 22 feet (6.7 m) above the water, is shown from a skeleton tower ...
(LL/04) 23/04
- Page 380—Paragraph 206, line 4; read:
Frederick Light 3 (58°07'55"N., 135°27'55"W.), 26 feet (7.9m) above the ...
(LL/04) 23/04
- Page 383—Paragraph 243, line 3; read:
(58°07'58"N., 135°16'18"W.), 30 feet (9.1 m) above the water, and ...
(LL/04) 23/04
- COAST PILOT 9 21 Ed 2003 Change No. 22 LAST NM 20/04**
- Page 131—Paragraph 166, lines 1 to 2; read:
Egg Island Light E (60°22'00"N., 145°45'14"W.), 33 feet

COAST PILOT 9 (Continued)

(10.1 m) above the water, is shown from a skeleton tower ...
(17/04 CG17) 23/04

Page 149—Paragraph 403, lines 2 to 3; read:
of Saw Island.
(07/96 CG17) 23/04

Page 308—Paragraph 230, line 7; read:
side of the entrance to the arm, can be had in 17 to 14 ...
(CL 151/04) 23/04

Page 308—Paragraph 232, line 3 to Paragraph 233; read:
to Windy Bay, steer **040°** with the pinnacle point astern. On
this course pass W of the low grass-covered island just off
the E shore opposite the N side of the entrance to Windy
Bay. Thence about 2.6 miles farther pass E of the next island
which has a sugarloaf top and a shoal area midway between
the sugarloaf topped island and the U-shaped island. The
shoal area in 56°09'46.9"N., 158°32'52.6"W. has a least
depth of 2.7 fathoms. Pending a detailed survey, caution
should be used when navigating this area.

Directly after passing W of the U-shaped island, round on
the port hand and on midchannel courses are two closely
spaced islands, the N one of which is the higher and is the
last island at the head of Kuiukta Bay. Pass E of 3.6 fathom
sounding in 56°10'56"N., 158°32'21"W. Portage Bay is on
the W side at the head of Kuiukta Bay. Anchor in the W arm
about 0.5 mile to 1 mile W of the last island in 17 to 14 fath-
oms, mud bottom.
(CL 151/04; CL 575/04) 23/04

Page 358—Paragraph 239, line 4; read:
39, published and sold by the U.S. Army Corps of Engi-
neers.
(PS 39/94) 23/04

Page 437—Paragraph 113, lines 6 to 7; read:
inland are good marks. **Cape Greig Light** (57°44'30"N.,
157°42'48"W.), 350 feet (105 m) above the water, is shown
from a ...
(18/04 CG17) 23/04

Page 475—Paragraph 640, lines 1 to 2; read:
Cape Rodney Light (64°38'31"N., 166°23'47"W.), 24 feet
(7.3 m) above the water, is shown from a ...
(18/04 CG17) 23/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Shinnecock Bay							
30820	-Junction Lighted Buoy SI	40 50 41 N 72 29 48 W	FIG (2+1) 6s		2	Green and red bands.	Replaced by can from Nov. 1 to Apr. 15.
		*	*				23/04
35940	- Channel Buoy 42					Red nun.	Maintained from Apr. 15 to Dec. 15.
							* 23/04
39610	Appletree Shoal Lighted Buoy AS At south side of shoal.	44 29 23 N 73 16 00 W	FIG (2+1) 6s		3	Green.	
	*	*	*		*	*	23/04

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
75 1410	Townsend Inlet Shoals Lighted Bell Buoy 4A						Remove from list.
							* 22/04
835	- Lighted Buoy 16	33 28 43 N 77 35 00 W	FIR 6s		4	Red disc-shaped hull.	Marks remaining structure of Frying Pan Shoals Light. HORN: 1 blast ev 30s (3s bl).
			*	*		*	* 14/04
850	- Lighted Buoy 6FP	33 41 00 N 78 04 00 W	FIR 4s		4	Red.	
	*	*					19/04
860 30316	Cape Fear River Entrance Lighted Whistle Buoy CF	33 46 17 N 78 03 02 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: C(- • - •). On channel centerline.
		*					13/04
1270	- Lighted Buoy 1		FIG 2.5s		3	Green.	
					*		10/04
1275	- Lighted Buoy 2		FIR 2.5s		3	Red.	
					*		10/04
1410 75	- Shoals Lighted Bell Buoy 4A	39 07 05 N 74 40 38 W	FIR 4s		4	Red.	
	*						22/04
1455	- RANGE FRONT LIGHT	38 57 12 N 74 52 42 W	F W (Day) Q W (Night)	22 21		KRW on pile.	Visible on range line only.
			*	*			15/04
1675 36790	- NORTH JETTY LIGHT 11	38 58 04 N 74 58 00 W	FIG 2.5s	34	5	SG-TY on skeleton tower.	HORN: 1 blast ev 15s (2s bl).
					*		14/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1965	<i>Hog Island Shoal Lighted Buoy 6</i>	39 15 24 N 75 15 23 W	FI R 4s		4	Red.	* 21/04
	*						
2655	- RANGE FRONT LIGHT	39 34 16 N 75 31 02 W	FI G 2.5s	15 14		On skeleton tower.	DAY: Visible on range line only. NIGHT: Visible all around; higher intensity on range line. * 18/04
			*				
2660	- RANGE REAR LIGHT 994 yards, 027.4° from front light.		Iso G 6s	46 44		On skeleton tower.	DAY: Visible on range line only. NIGHT: Visible all around; higher intensity on range line. * 18/04
			*				
	*Add Heading: *Bulkhead Bar Range						
2897	DEEPWATER RANGE FRONT PASSING LIGHT		Oc R 4s	30	6	On skeleton tower. Same structure as Deepwater Range Front Light.	* 14/04
						*	
	*Change Heading to Read: *Deepwater Range						
2900	Pennsville Dike Danger Buoy PDA					White with orange bands worded DANGER DIKE.	Maintained from May 15 to Nov. 1. 14/04
3625	FISHER POINT RANGE FRONT LIGHT	39 58 42 N 75 04 18 W	Iso G 6s	37		KRW on multi-pile structure.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours. * 13/04
						*	
3795	MUD ISLAND UPPER RANGE FRONT LIGHT	40 03 52 N 74 56 50 W	Oc W 4s	25		Skeleton tower.	Day: Visible on rangeline only. NIGHT: Visible all around, higher intensity on rangeline. * 13/04
							* 13/04
3800	MUD ISLAND UPPER RANGE REAR LIGHT 945 yards, 052.6° from front light.		F W	52		On small house on concrete base.	Day: Visible on rangeline only. NIGHT: Visible all around, higher intensity on rangeline. * 13/04
			*				
3820	ENTERPRISE LOWER RANGE FRONT LIGHT	40 03 06 N 74 58 24 W	Oc W 4s	28		KWR on skeleton tower.	Visible on rangeline only. Lighted throughout 24 hours. * 14/04
							* 14/04
3965	LEHIGH LOWER RANGE FRONT LIGHT	40 04 51 N 74 51 52 W	Oc W 4s (Day) Oc G 4s (Night)	45 43		On skeleton tower.	Visible all around; higher intensity on range line. Lighted throughout 24 hours. * 14/04
				*			

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3970	LEHIGH LOWER RANGE REAR LIGHT 44 yards, 208.6° from front light.		F W (Day) F G (Night)	49 47		On skeleton tower.	Visible all around; higher intensity on range line. Lighted throughout 24 hours.
				*			14/04
3975	LEHIGH UPPER RANGE FRONT LIGHT	40 05 41 N 74 51 16 W	Q G	35		On multi-pile structure.	Visible on rangeline only. Passing light visible all around. Lighted throughout 24 hours.
			*				* 13/04
4080	FLORENCE LOWER RANGE FRONT LIGHT	40 07 46 N 74 49 14 W	Q W	27		On skeleton tower.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
			*			*	* 22/04
4085	FLORENCE LOWER RANGE REAR LIGHT 252 yards, 291.3° from front light.		Iso W 6s	45		On skeleton tower.	Visible on rangeline line only. Lighted throughout 24 hours.
						*	* 22/04
4110	KINKORA LOWER RANGE FRONT LIGHT	40 07 08 N 74 47 07 W	Q W	25		KWR on skeleton tower. On same structure as Florence Upper Range Front Light.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
			*			*	13/04
4340	- Channel Buoy 105					Green can.	Maintained from May 15 to Sep. 30.
							* 13/04
4345	- Channel Buoy 106					Red nun.	Maintained from May 15 to Sep. 30.
							* 13/04
*5407	- WARNING LIGHT A		FI W 6s			NW on pile worded DANGER SUBMERGED PIPELINE.	Private aid.
							15/04
6630	Wachapreague North Inlet Buoy 1						<i>Remove from list.</i>
							* 15/04
6987	SPIT BAR LIGHT SB		FI W 2.5s	15	5	NB on multi-pile structure.	
						*	12/04
9030	OLDFIELD POINT RANGE REAR LIGHT 1,925 yards, 045.2° from front light.		Oc W 4s	122		On skeleton tower.	Higher intensity on rangeline. Lighted throughout 24 hours.
			*				16/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9055	- EAST RANGE FRONT LIGHT	39 30 42 N 75 53 17 W	Q W	14		On multi-pile structure.	Day: Visible on range line only. Night: Visible all around, higher intensity on rangeline. Lighted throughout 24 hours.
		*	*	*		*	* 22/04
9060	- EAST RANGE REAR LIGHT 217 yards, 074° from front light.		Iso W 6s	31		On multi-pile structure.	Day: Visible on range line only. Night: Visible all around, higher intensity on rangeline. Lighted throughout 24 hours.
	*			*		*	* 22/04
	*Delete Heading: *Naval Ordnance						
9325	- Buoy F						Remove from list.
							* 13/04
9330	- Buoy G						Remove from list.
							* 13/04
9335	- Buoy H						Remove from list.
							* 13/04
	*Add Heading: *Naval Ordnance						
9355	- Lighted Buoy P	37 00 21 N 76 16 57 W	FI Y 4s		6	Yellow.	
							13/04
9660	- Anchorage Daybeacon A	36 52 40 N 75 20 38 W				NY on pile.	Ra ref.
		*					11/04
9684	- Creek Daybeacon 11						Remove from list.
							* 19/04
10795	NEWPORT NEWS CREEK LIGHT 2	36 57 35 N 76 24 34 W	FI R 2.5s	15	3	TR on pile.	
		*					11/04
10965	SUNSET CREEK JUNCTION LIGHT SC	37 01 03 N 76 20 29 W	FI (2+1) G 6s	15	3	JG on multi-pile structure.	
	*						10/04
10970	Sunset Creek Daybeacon 1						Remove from list.
							* 10/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Phoebus Channel							
10995	- OBSTRUCTION LIGHT	36 59 58 N 76 18 43 W	Q W	15	5	NW on pile worded DANGER SUBMERGED PILING.	
		*					11/04
Warwick River							
11525	- Daybeacon 2	37 04 57 N 76 32 35 W				TR on pile.	Ra ref.
		*					11/04
*Delete Heading: *Surry Power Station							
11795	- Daybeacon 1						<i>Remove from list.</i>
							* 13/04
11800	- Daybeacon 2						<i>Remove from list.</i>
							* 13/04
11805	- Daybeacon 3						<i>Remove from list.</i>
							* 13/04
11810	- Daybeacon 5						<i>Remove from list.</i>
							* 13/04
11815	- Daybeacon 7						<i>Remove from list.</i>
							* 13/04
11820	- Daybeacon 9						<i>Remove from list.</i>
							* 13/04
12065	GOOSE HILL CHANNEL RANGE FRONT LIGHT	37 10 18 N 76 45 12 W	FI W 2.5s	16		On multi-pile structure.	Lighted throughout 24 hours. Day: Visible on range line only. Night: Visible all around; higher intensity on range line.
							* 20/04
12070	GOOSE HILL CHANNEL RANGE REAR LIGHT 633 yards, 227° from front light.		Iso W 6s	40		On multi-pile structure.	Lighted throughout 24 hours. Day: Visible on range line only. Night: Visible all around; higher intensity on range line.
							* 20/04
12865	- Daybeacon 5					SG on pile.	Private aid.
	*		*	*			10/04
13315	- LIGHT 3	37 12 32 N 76 23 27 W	FI G 4s	15	4	SG on multi-pile structure.	
		*					22/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
East River							
14165	- ENTRANCE LIGHT 1 On south end of shoal.	37 21 18 N 76 21 11 W	FI G 4s	15	5	SG on pile.	Light equipment removed when endangered by ice.
						*	22/04
14981	- Buoy 6A					Red nun.	
	*		*		*	*	19/04
Locklies Creek							
15095	- LIGHT 1	37 36 02 N 76 25 26 W	Q G	15	3	SG on pile.	Light equipment removed when endangered by ice.
		*					22/04
Whiting Creek							
15205	- Channel Buoy 2W	37 37 03 N 76 30 39 W				Red nun.	
	*	*					21/04
15465	- LIGHT 3 50 feet outside channel limit.	37 52 21 N 76 45 03 W	Q G	15	3	SG on pile.	
		*					22/04
15605	- RANGE FRONT LIGHT	37 55 18 N 76 51 10 W	Q W	15		KWR on pile.	Visible all around; higher intensity on rangeline.
		*					21/04
15615	- Channel Daybeacon 2	37 55 21 N 76 51 12 W				TR on pile.	
		*					22/04
Dividing Creek							
16120	- ENTRANCE LIGHT 3	37 42 46 N 76 17 00 W	FI G 4s	15	4	SG on pile.	
		*					22/04
16602	- Warning Daybeacon					NW on pile.	
	*					*	18/04
16665	ST GEORGE CREEK JUNCTION LIGHT A	38 07 16 N 76 27 29 W	FI (2+1) R 6s	18	4	JR on pile.	
			*	*			20/04
*Add Heading: *Piney Point Oil Pier							
16860	- LIGHT A		F Y	26			Private aid.
							13/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *Yeocomico River							
16865	- LIGHT B		F Y	26			Private aid. 13/04
17125	- Channel Buoy 3A *					Green can. *	22/04
17645	- RANGE FRONT LIGHT	38 18 36 N 77 02 06 W	Q G *	14		KWR on pile. *	Visible all around; higher intensity on rangeline. 15/04
17875	Riverside Warning Daybeacon	38 35 46 N 77 14 45 W *				NW on pile.	21/04
18603	- Channel Buoy 92A *		*	*		Red nun. *	Private aid. * 15/04
*18603.01	- Channel Buoy 94A					Red nun.	Private aid. 15/04
*18603.02	- Channel Buoy 96A					Red nun.	Private aid. 15/04
*18603.03	- Channel Buoy 98A					Red nun.	Private aid. 15/04
*18603.08	WARNING LIGHT A	38 47 18 N 77 01 00 W	FI Y 4s	14		On pile.	Private aid. 19/04
*18603.09	WARNING LIGHT B		FI Y 4s	14		On pile.	Private aid. 19/04
*19326.1	-Middle Marshes Daybeacon 3					SG on pile.	22/04
19335	ROSE HAVEN CHANNEL LIGHT 1 30 feet outside channel limit.	38 44 02 N 76 32 19 W	Q G *	15	3	SG on multi-pile structure. *	17/04
Sollers Point Channel							
20705	Sollers Point Daybeacon 1 *	39 14 00 N 76 31 30 W				SG on pile.	Private aid. 16/04
21120	VISTA CHEMICAL PIER LIGHT *	39 14 30 N 76 33 48 W	FI Y 2.5s *	12		On pile at end of pier. *	Private aid. 19/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21773	- Channel Daybeacon 3A					SG on pile.	
	*						15/04
*21774	- Channel Daybeacon 5					SG on pile.	
							15/04
	*Delete Headings: *WOLF TRAP TO PUNGOTEAGUE CREEK (Chart 12226) *Nandua Creek						
21775	- Channel Daybeacon 5A					SG on pile.	
	*					*	15/04
21780	- Warning Daybeacon AA					NW on pile worded DANGER SHOAL.	
	*					*	15/04
*21783	- Channel Daybeacon 6					TR on pile.	
							15/04
	Hunting Creek						
22260	- LIGHT 2 On edge of shoal.	37 49 29 N 75 43 54 W	F I R 4s	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*					17/04
22315	- LIGHT 6		F I R 4s	15	3	TR on pile.	
						*	17/04
22505	POCOMOKE RIVER ENTRANCE LIGHT 1PR	37 57 12 N 75 43 18 W	F I G 4s	15	4	SG on pile.	Higher intensity beam downstream.
						*	17/04
22540	- Channel Buoy 9	38 43 14 N 76 16 11 W				Green can.	
		*					17/04
22590	- CHANNEL LIGHT 20	37 57 38 N 75 39 49 W	F I R 4s	15	3	TR on pile.	
						*	17/04
22825	- LIGHT 2	37 57 57 N 75 54 05 W	Q R	15	4	TR on pile.	Higher intensity beam down channel.
						*	16/04
23480	- Lighted Buoy 5		F I G 4s		4	Green.	Replaced by lighted buoy of lower intensity from Dec.1 to Mar.15.
	*						* 22/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Upper Thorofare							
23550	HAINES POINT LIGHT	38 10 20 N 75 57 52 W	FI W 4s	15	6	NR on pile.	
		*				*	18/04
23560	- CHANNEL LIGHT 1		FI G 2.5s	15	3	SG on pile.	
						*	18/04
23565	- CHANNEL LIGHT 4	38 10 12 N 75 57 00 W	FIR 6s	19	4	TR on pile.	
						*	18/04
23767	- CHANNEL LIGHT 14		FIR 4s	15	3	TR on pile.	
						*	16/04
23780	- CHANNEL LIGHT 16		FIR 4s	19	3	TR on pile.	
						*	16/04
Nanticoke River							
23965	- ENTRANCE LIGHT 1	38 13 04 N 75 56 34 W	FI G 2.5s	15	4	SG on pile.	Ra ref.
						*	18/04
24000	- JUNCTION LIGHT B	38 17 06 N 75 55 15 W	FI (2+1) R 6s	15	3	JR on pile.	
		*			*		16/04
24005	- LIGHT 7	38 17 41 N 75 55 55 W	FI G 6s	15	4	SG on pile.	
						*	16/04
24755	- LIGHT 13	38 33 00 N 76 13 06 W	FI G 2.5s	15	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
		*					10/04
24840	COOK POINT COVE LIGHT 2	38 37 28 N 76 16 10 W	FIR 2.5s	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*					10/04
28093	- Channel Buoy 28A						<i>Remove from list.</i>
							*
							14/04
*28097	- Channel Buoy 30					Red nun.	
							14/04
28105	- CHANNEL LIGHT 31	35 45 51 N 75 35 20 W	Q G	15	3	SG on pile.	
	*		*			*	14/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28115	- Channel Daybeacon 33					SG on pile.	
	*					*	14/04
28120	- Channel Junction Lighted Buoy		FI (2+1) G 6s		3	Green and red bands.	
			*			*	14/04
28123	- Channel Buoy 35					Green can.	
	*		*	*	*	*	14/04
28125	- Channel Buoy 36A						<i>Remove from list.</i>
							*
							14/04
28126	- Channel Buoy 36					Red nun.	
	*					*	14/04
	*Delete Headings: *CAPE HENRY TO PAMLICO SOUND (Chart 12205) *Old House Channel						
28220	- LIGHT 6		FI R 2.5s	15	3	TR on pile.	
			*				*
							14/04
28595	COLINGTON CUT ENTRANCE LIGHT 2C	35 59 50 N 75 41 39 W	FI R 2.5s	15	3	TR on pile.	
	*				*		22/04
28725	- LIGHT 9		FI G 2.5s	15	3	SG on multi-pile structure.	
				*			19/04
28780	- Junction Daybeacon HF					RG on pile.	
	*					*	18/04
	*Add Headings: *PORT OF WALCOTT: *Clinch River						
*28961	- Buoy 23					Green can.	
							21/04
	*Add Headings: *OCRACOCKE INLET AND NORTHERN CORE SOUND (Chart 11550) *Ocracoke Inlet *Teaches Hole Channel						
28962	- Lighted Buoy 24		FI R 2.5s		3	Red.	
							21/04
28962.1	- Buoy 24A					Red nun.	
	*					*	21/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Headings: *PORT OF WALCOTT: *Clinch River							
*28962.2	- Buoy 25					Green can.	21/04
29050	- Daybeacon 8A	35 08 05 N 76 00 09 W				TR on pile.	
		*					16/04
29450	FORT MACON CREEK WARNING LIGHT	34 42 00 N 76 41 00 W	FI W 2.5s	15	4	NW on pile.	
			*		*		14/04
29805	- CHANNEL LIGHT 23		Q G	15	3	SG on pile.	
					*		10/04
29835	- CHANNEL LIGHT 31		FI G 4s	15	4	SG on pile.	
					*		10/04
Banks Channel							
30050	- LIGHT 1	34 21 06 N 77 39 10 W	FI G 4s	15	4	SG on pile.	
		*					18/04
30055	- LIGHT 2	34 21 14 N 77 38 52 W	FI R 4s	15	3	TR on pile.	
		*					18/04
30080	- LIGHT 7		Q G	15	3	SG on pile.	
					*		18/04
30140 39520	NEW RIVER-CAPE FEAR RIVER JUNCTION LIGHT BC	34 24 37 N 77 35 43 W	FI (2+1) G 6s	15	3	JG-SY on pile.	
						*	15/04
30960	- JUNCTION LIGHT A	34 14 26 N 77 57 17 W	FI (2+1) G 6s	15	3	JG on pile.	
		*					15/04
Northeast Cape Fear River							
<i>Daybeacons located 50 feet outside channel limit.</i>							
30970	- TURNING BASIN LIGHT	34 14 48 N 77 57 19 W	FI W 4s	15	5	NB on pile.	
		*			*	*	16/04
30985	- LIGHT 4		FI R 2.5s	15	6	TR on pile.	
					*		16/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
31265	KNOTTS ISLAND FERRY TERMINAL LIGHT 6	36 28 51 N 75 55 50 W	FI R 4s	16	3	TR on pile.	Ra ref.
						*	22/04
31705	- CHANNEL LIGHT 11		FI G 4s	15	4	SG on pile.	
						*	14/04
31810	- LIGHT 9		FI G 4s	16	5	SG on pile.	
						*	10/04
32065	- CHANNEL LIGHT 6		FI R 4s	15	4	TR on pile.	
						*	14/04
32090	Long Shoal River Daybeacon 2	35 34 04 N 75 51 36 W				TR on pile.	
		*					14/04
Pamlico Sound							
32180	HOG ISLAND SHOAL LIGHT		FI R 4s	15	3	TR on pile.	
						*	21/04
32285	-AVON CHANNEL LIGHT 8	35 21 00 N 75 30 49 W	FI R 4s	15	3	TR on pile.	
		*				*	14/04
32300	FRISCO LIGHT 6		FI R 4s	17	3	TR on pile.	Light equipment removed when endangered by ice.
						*	19/04
32365	ROYAL SHOAL LIGHT 1	35 09 42 N 76 04 43 W	FI G 4s	19	5	SG on pile.	Ra ref.
						*	22/04
32615	- Warning Daybeacon X					NW on multi-pile worded DANGER BOMBING RANGE.	
						*	22/04
32813	PAMLICO POINT WARNING LIGHT Marks remains of old light house structure.		FI W 6s	15	5	NW on pile.	
	*						22/04
33017	SMITH CREEK WRECK LIGHT WR1	35 30 50 N 76 29 13 W	Q G	15	3	SG on pile.	
	*						22/04
*Delete Heading: *Broad Creek							
33600	- Entrance Daybeacon						Remove from list.
							* 19/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	*Add Headings: *Broad Creek						
33605	- LIGHT 1		FI G 4s	16	4	SG on pile.	19/04
34325	- LIGHT 1CS	35 00 16 N 76 12 11 W	FI G 4s	15	3	SG on pile.	
	*		*			*	22/04
	*Delete Headings: *BEAUFORT INLET AND SOUTHERN CORE SOUND (Chart 11545) *Core Sound						
34490	ATLANTIC ENTRANCE LIGHT On edge of shoal.						<i>Remove from list.</i>
							* 10/04
	*Add Headings: *BEAUFORT INLET AND SOUTHERN CORE SOUND (Chart 11545) *Core Sound						
34495	Atlantic Channel Daybeacon 1					SG on pile.	10/04
34575	- LIGHT 29		FI G 4s	15	4	SG on pile.	
						*	10/04
34725	- LIGHT 56		FI R 4s	15	3	TR on pile.	
						*	10/04
34770	- WARNING LIGHT		FI Y 4s	15	5	NW on pile worded DANGER SUBMERGED OBSTRUCTION.	
						*	10/04
34840	- Daybeacon 8	34 42 49 N 76 40 36 W				TR on pile.	
		*					16/04
35497	- Buoy 125					Green can with yellow square.	
						*	22/04
36395	- LIGHT 377	39 06 26 N 74 44 43 W	FI G 4s	15	4	SG-SY on pile.	
		*				*	10/04
36400	- LIGHT 378	39 06 03 N 74 45 00 W	FI R 4s	17	4	TR-TY on pile.	
		*				*	10/04
36420	- LIGHT 383		FI G 2.5s	15	4	SG-SY on pile.	
						*	10/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
36450	- LIGHT 392		FI R 4s	15	4	TR-TY on pile.	
					*		10/04
37410	- Daybeacon 45					SG-SY on pile.	
						*	12/04
37680	- LIGHT 135		FI G 4s	16	4	SG-SY on slatted pile structure.	
					*		10/04
37775	- LIGHT 161		Q G	15	3	SG-SY on pile.	
					*		11/04
37810	- LIGHT 170		FI R 4s	15	4	TR-TY on pile.	
				*			11/04
37842	- LIGHT 5		FI G 4s	15	4	SG-SY on pile.	
					*		10/04
37845	- LIGHT 7		FI G 2.5s	15	4	SG-SY on pile.	
					*		13/04
37855	- LIGHT 10		FI R 2.5s	15	4	TR-TY on multi-pile structure.	
					*		13/04
38000	- LIGHT 54		Q R	16	4	TR-TY on pile.	
					*		13/04
38015	- LIGHT 59AR		FI G 6s	15	4	SG-SY on pile.	
					*		13/04
38200	- LIGHT 15		FI G 4s	15	4	SG-SY on pile.	
					*		13/04
38330	- RANGE B FRONT LIGHT 9	34 55 59 N 76 39 07 W	Q W	19	6	KWB-I and SG-I on multi-pile structure.	Visible all around; higher intensity on rangeline.
		*					13/04
38765	BOGUE SOUND LIGHT 3B	34 43 10 N 76 44 42 W	FI G 2.5s	15	5	SG-SY on pile.	
					*		13/04
38985	- LIGHT 33	34 41 56 N 76 59 10 W	FI G 2.5s	15	3	SG-SY on pile.	
					*		13/04
39365	- LIGHT 23		FI G 4s	15	4	SG-SY on pile.	
					*		13/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
39520 30140	- JUNCTION LIGHT BC	34 24 37 N 77 35 43 W	FI (2+1) G 6s	15	3	JG-SY on pile.	
						*	15/04
39530	- LIGHT 96		FI R 4s	15	3	TR-TY on pile.	
						*	13/04
39560	- LIGHT 103		FI G 4s	15	4	SG-SY on pile.	
				*			19/04
39590	- LIGHT 118		FI R 4s	15	3	TR-TY on pile.	
						*	13/04
39655	- LIGHT 137		FI G 4s	15	4	SG-SY on pile.	
						*	13/04
39755	- LIGHT 161		FI G 4s	15	4	SG-SY on pile.	
						*	19/04
39795	- Daybeacon 4	34 03 36 N 77 55 31 W				TR on pile.	
		*					19/04
New River - Cape Fear River							
<i>Aids located 35 feet outside channel limit.</i>							
39825	- LIGHT 163		FI G 4s	15	4	SG-SY on pile.	
				*			14/04
40125	- LIGHT 33 35 feet outside channel limit.	33 55 16 N 78 12 45 W	FI G 4s	15	4	SG-SY on pile.	
						*	14/04
40200	- LIGHT 40 35 feet outside channel limit.	33 55 32 N 78 13 11 W	FI R 4s	15	3	TR-TY on pile.	
						*	14/04

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
350 4530	<i>Tybee Lighted Buoy T</i>	31 57 52 N 80 43 09 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON G (---).
	*	*					19/04
PONCE DE LEON INLET TO CAPE CANAVERAL (Chart 11484)							
610	Ponce De Leon Inlet Light	29 04 48 N 80 55 42 W	FI W (6)15s	159	22	Red brick conical tower.	Private aid.
			*		*		23/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
845.3	NOAA Data Lighted Buoy 41012	30 02 38 N 80 33 00 W	FI (4) Y 20s			Yellow disc-shaped with mast.	
		*					16/04
850	NOAA Data Lighted Buoy 41016	24 38 12 N 76 31 18 W	FI Y 4s			Yellow disc-shaped with mast.	
	*	*	*				20/04
955	Dixie Shoal Buoy 8 On seaward edge of reef.	25 04 39 N 80 18 43 W				Red nun.	
		*					19/04
1050	Rock Key Obstruction Daybeacon						<i>Remove from list.</i>
							* 11/04
1065	Coalbin Rock Buoy CB On south side of shoal.	24 27 03 N 82 05 17 W				Red and green bands; nun.	
		*					19/04
1385 21835	Southwest Channel Entrance Lighted Bell Buoy 1	27 32 31 N 82 47 53 W	FI G 2.5s		4	Green.	
		*					19/04
Pasco County Fish Haven							
1555	ANCLOTE KEY LIGHT	28 10 02 N 82 50 44 W	FI (4) W 30s	110	19	Brown skeleton tower with black lantern.	Private aid.
	*	*	*	*	*	*	12/04
1565	ST. MARTINS OUTER SHOAL LIGHT 10 On west point of shoal.	28 25 50 N 82 55 05 W	FI R 4s	16	5	TR on dolphin.	At west point of shoal.
							* 11/04
1780	- Lighted Buoy 6		Q R		3	Red.	
	*						22/04
2470	- Channel Lighted Buoy 24		FI R 2.5s		3	Red.	
					*		20/04
*2505.5	SHUTES FOLLY RANGE FRONT LIGHT	32 47 17 N 79 55 27 W	F R				15/04
*2506	SHUTES FOLLY RANGE REAR LIGHT	32 47 24 N 79 55 44 W	F R				16/04
4030	Harbor River Buoy 10					Red nun.	
	*					*	23/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4032	Harbor River Buoy 11					Green can.	23/04
*4033	Harbor River Buoy 11A					Green can.	23/04
4140	- Lighted Bell Buoy 19	32 11 03 N 80 36 14 W	FIG 4s		4	Green.	22/04
		*					
SAVANNAH RIVER AND WASSAW SOUND (Chart 11512)							
Tybee Range							
4530 350	Tybee Lighted Buoy T	31 57 52 N 80 43 09 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON G (---).
	*	*					19/04
4670	Lazaretto Creek Obstruction Buoy 3	32 00 49 N 80 53 01 W				Green can.	14/04
		*					
5785	- SOUTH CHANNEL LIGHT 6	31 50 20 N 81 03 07 W	FIR 4s	12	4	TR on dolphin.	23/04
		*					
ALTAMAHA SOUND (Chart 11508)							
Altamaha Sound							
5950	- Lighted Buoy 2	31 18 30 N 81 13 48 W	FIR 2.5s			Red.	19/04
			*				
*6147	- Daybeacon 1 On edge of shoal.	31 08 27 N 81 25 17 W				SG on pile.	12/04
Frederica River							
6150	- Daybeacon 2	31 08 44 N 81 25 17 W				TR on pile.	12/04
	*	*	*	*	*		
6155	- Daybeacon 5	31 09 09 N 81 25 24 W				SG on dolphin.	12/04
	*	*	*	*		*	*
6160	- RANGE REAR LIGHT 669 yards, 338.4° from front light.						Remove from list.
							*
6165	- Daybeacon 7					SG on pile.	12/04
	*						12/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Mile Point							
7260	- LOWER RANGE FRONT LIGHT	30 22 43 N 81 27 09 W	Q G	20		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. 19/04
		*					
7760	PINEY POINT LIGHT 7	30 13 18 N 81 39 04 W	FI G 2.5s	16	3	SG on pile.	 22/04
		*					
9025	- LIGHT 60		FI R 4s	12	3	TR on pile.	 22/04
						*	
9565	- LIGHT 11	29 03 48 N 80 54 54 W	FI G 4s	20	3	SG on skeleton tower.	 20/04
			*			*	
9655	- ENTRANCE CHANNEL LIGHT 14		FI R 2.5s	20	3	TR on dolphin.	 22/04
						*	
9970 45120	- LIGHT 16	27 27 48 N 80 19 36 W	Q G	12	3	SG on pile.	 19/04
			*	*		*	
10145	- LIGHT 9	27 09 57 N 80 09 48 W	FI G 4s	12	4	SG on pile.	 18/04
						*	
10235	- LIGHT 9		FI G 6s	16	4	SG on dolphin.	 17/04
						*	
10240	- LIGHT 10		FI R 6s	16	4	TR on dolphin.	 17/04
						*	
10245	- LIGHT 11		FI G 4s	16	4	SG on pile.	 20/04
						*	
10260 46715	LAKE WORTH SOUTH LIGHT 1	26 45 55 N 80 02 57 W	Q G	12	3	SG-SY on pile.	 20/04
			*			*	
*10347	PORT EVERGLADES NORTH REGULATORY LIGHT	26 05 41 N 80 06 41 W	FI W 4s	16	3	NW on piles worded "WARNING SLOW SPEED MINIMUM WAKE" inbound "RESUME NORMAL SPEED SAFE OPERATION" outbound.	 15/04
*10349	PORT EVERGLADES SOUTH REGULATORY LIGHT	26 05 33 N 80 06 41 W		16	3	NW on piles worded "WARNING SLOW SPEED MINIMUM WAKE" inbound "RESUME NORMAL SPEED SAFE OPERATION" outbound.	 15/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10715.5	- LIGHT 18		FI R 4s	16	3	TR on pile.	
					*		20/04
	Miami Turning Basin						
10750	- Articulated Light A	25 47 05 N 80 10 49 W	Iso W 6s		6	NR on mast.	
					*		20/04
10755	- Articulated Light B		Iso W 6s		6	NR on mast.	
					*		20/04
10760	- Articulated Light C		Iso W 6s		6	NR on mast.	
					*		20/04
10765	- Articulated Light D		Iso W 6s		6	NR on mast.	
			*		*		20/04
10770	- Articulated Light E		Iso W 6s		6	NR on mast.	
					*		20/04
10885	- LIGHT 21		FI G 2.5s	16	4	SG on pile.	
					*		18/04
12330	- LIGHT 90		FI R 4s	16	2	TR on pile.	
					*		20/04
12370	- LIGHT 98		FI R 2.5s	16	4	TR on pile.	
					*		18/04
	Florida Bay						
	Channel Key						
12505	KNIGHT SHOAL LIGHT	24 42 54 N 81 07 36 W	FI W 2.5s	16	5	NW on pile worded DANGER SHOAL.	
					*		20/04
*13533	Duck Key Channel Daybeacon 1	24 45 46 N 80 55 27 W				SG on pile.	Private aid.
							10/04
	*Add Heading: *Duck Key Inlet Channel						
*13537	Duck Key Channel Daybeacon 3					SG on pile.	Private aid.
							10/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	*Add Heading: *Florida Bay						
13540	Duck Key Channel Daybeacon 4					TR on pile.	Private aid. 10/04
	*Add Heading: *Duck Key Inlet Channel						
*13540.1	Duck Key Channel Daybeacon 5					SG on pile.	Private aid. 10/04
*13540.11	Duck Key Channel Daybeacon 16					TR on pile.	Private aid. 10/04
*13540.2	Duck Key Channel Daybeacon 6					TR on pile.	Private aid. 10/04
*13540.3	Duck Key Channel Daybeacon 7					SG on pile.	Private aid. 10/04
*13540.4	Duck Key Channel Daybeacon 8					TR on pile.	Private aid. 10/04
*13540.5	Duck Key Channel Daybeacon 10					TR on pile.	Private aid. 10/04
*13540.6	Duck Key Channel Daybeacon 11					SG on pile.	Private aid. 10/04
*13540.7	Duck Key Channel Daybeacon 12					TR on pile.	Private aid. 10/04
13540.8	Duck Key Channel Daybeacon 13					SG on pile.	Private aid. 10/04
	*						11/04
*13540.9	Duck Key Channel Daybeacon 14					TR on pile.	Private aid. 10/04
	BAHIA HONDA KEY TO SUGARLOAF KEY (Chart 11445)						
	Hawk Channel						
13875	BAHIA HONDA KEY LIGHT 49A	24 37 30 N 81 14 12 W	FI G 6s	20	6	SG on dolphin.	 *
							20/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13880	NEWFOUND HARBOR KEYS LIGHT 50	24 36 48 N 81 23 36 W	FI R 2.5s	16	3	TR on pile.	
			*		*		20/04
KEY WEST HARBOR (Chart 11447)							
Key West Harbor Main Channel							
14830	<i>Western Triangle Lighted Buoy 5</i> At edge of shoal.	24 30 31 N 81 48 18 W	FI G 4s		4	Green.	
	*						* 12/04
KEY WEST HARBOR (Chart 11447)							
Key West Harbor Main Channel							
14830	<i>Lighted Buoy 5</i>	24 30 31 N 81 48 18 W	FI G 4s		4	Green.	At edge of shoal.
	*						* 11/04
14880	- <i>Lighted Buoy 12</i>	24 31 58 N 81 48 54 W	Q R		3	Red.	
		*					19/04
14910	- <i>Lighted Buoy 17</i>		FI G 4s		4	Green.	
					*		20/04
Key West Southwest Channel							
15155	- <i>Wreck Lighted Buoy WR5</i>	24 32 34 N 81 49 32 W	Q G		3	Green.	
		*					19/04
15175	- JETTY LIGHT A	24 38 24 N 81 53 36 W	Q Y	18	7	NY on dolphin.	
			*	*			17/04
Little Shark River Entrance							
15950	- LIGHT 1	25 19 21 N 81 09 14 W	FI G 4s	16	4	SG on dolphin.	
		*					17/04
17630	- LIGHT 32		FI R 4s	16	3	TR on pile.	
					*		16/04
FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS (Chart 11427)							
San Carlos Bay							
17990	- LIGHT SC	26 25 08 N 81 57 33 W	Mo (A) W	16	7	MR on dolphin.	
					*		16/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19940	- Channel Lighted Buoy 8		Q R		3	Red.	
	*						13/04
19950	BOCA GRANDE INNER CHANNEL RANGE FRONT LIGHT	26 41 57 N 82 18 00 W	Q W	16		KRW on dolphin.	Visible all around.
	*						22/04
19955	BOCA GRANDE INNER CHANNEL RANGE REAR LIGHT 485 yards, 247° from front light.		Iso W 6s	31		KRW on tower on piles.	Visible 4° each side of rangeline.
	*						23/04
19960	- Channel Lighted Buoy 12		F I R 2.5s		3	Red.	
	*						13/04
19970	La Costa Test Pile South Lighted Buoy		Q R			Red.	Private aid.
							* 11/04
19975	La Coasta Test Pile North Lighted Buoy		Q R			Red.	Private aid.
							* 11/04
19995	- LIGHT 6	26 45 36 N 82 06 38 W	F I R 4s	16	3	TR on pile.	
					*		20/04
	Myakka River						
20140	- Daybeacon 7	26 54 24 N 82 09 54 W				SG on pile.	Measured mile between Daybeacon 7 and 8.
	*						13/04
21350	- Daybeacon 3A						Remove from list.
							* 15/04
21365	- Daybeacon 5A						Remove from list.
							* 16/04
21520	- Daybeacon 14					TR on pile.	
			*	*	*		22/04
21545	Sarasota Bay Artificial Reef Daybeacon P						Remove from list.
							* 14/04
21565	Sarasota Bay Artificial Reef Daybeacon B						Remove from list.
							* 14/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Big Sarasota Pass							
21570	- Daybeacon 16	27 18 18 N 82 33 36 W				TR on pile.	
			*	*	*		22/04
21580	- Daybeacon 19					SG on dolphin.	
			*	*	*		22/04
21655	Sarasota Bay Artificial Reef Daybeacon M						<i>Remove from list.</i>
							* 14/04
TAMPA BAY ENTRANCE (Chart 11415)							
Tampa Bay							
Southwest Channel							
21835 1385	- Entrance Lighted Bell Buoy 1	27 32 31 N 82 47 53 W	FI G 2.5s			4 Green.	
		*					19/04
22300	- Lighted Buoy 12		FI R 6s			4 Red.	
	*						14/04
22320	- Lighted Buoy 16		Q R			4 Red.	
	*						11/04
22710	- RANGE FRONT LIGHT	27 40 36 N 82 34 06 W	Q W		18	On piles.	Visible 2° each side of rangeline. Lighted throughout 24 hours.
			*	*	*		16/04
22815	- NORTH RANGE REAR LIGHT 1,551 yards, 359.6° from front light.		Iso G 6s	59		KRW on skeleton tower on piles.	Visible 0.5° each side of range line. Lighted throughout 24 hours.
				*			16/04
*Add Heading: *Cut F Channel							
22820	- Lighted Buoy 3F	27 46 06 N 82 31 24 W	FI G 4s			4 Green.	
							13/04
*Add Heading: *MacDill AFB Prohibited Area							
22825	- Lighted Buoy 4F		FI R 4s			3 Red.	
							13/04
Hillsborough Cut A Channel							
23010	- RANGE FRONT LIGHT	27 48 48 N 82 26 42 W	Q W		18	KRW on tripod.	Visible all around.
			*				* 22/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Alafia River							
23240	- RANGE FRONT LIGHT	27 50 40 N 82 26 52 W	Q R	15		KRW on dolphin.	Visible 2° each side of rangeline.
		*	*				20/04
*Delete Heading: *MacDill Channel							
23370	- Daybeacon 5						Remove from list.
							* 10/04
*Add Heading: *MacDill Channel							
23375	- Daybeacon 6					TR on pile.	10/04
23725	- RANGE REAR LIGHT 1,728 yards, 178.7° from front light.		Iso W 6s FI W 4s	62 23	5	KRW on skeleton structure on piles.	Visible 2° each side of rangeline. Passing light obscured on rangeline, visible elsewhere.
				*			15/04
Little Manatee River							
24481	- APPROACH LIGHT LM	27 43 24 N 82 30 00 W	Mo (A) W	16	5	MR on pile.	
					*		15/04
24730	- Shoal Daybeacon	27 43 19 N 82 36 05 W				NW on pile worded SHOAL.	19/04
		*					
24960	- JUNCTION LIGHT S	27 45 30 N 82 36 42 W	FI (2+1) G 6s	16	3	JG on pile.	
					*		13/04
Causeway Channel							
25825	- Daybeacon 1	27 57 55 N 82 48 25 W				SG on pile.	
		*					12/04
CRYSTAL RIVER TO HORSESHOE POINT (Chart 11408)							
Withlacoochee River							
29370	- ENTRANCE LIGHT 1	28 58 06 N 82 49 42 W	Q G	16	3	SG on pile.	
			*		*		20/04
30480	- LIGHT 9		FI G 2.5s	16	3	SG on pile.	
					*		20/04
30570.5	- LIGHT 35		FI G 2.5s	16	3	SG on pile.	
					*		20/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30580.3	- LIGHT 42		Q R	16	3	TR on pile.	
					*		20/04
30580.8	- LIGHT 47		Q G	16	3	SG on pile.	
					*		20/04
30745.5	- RANGE FRONT PASSING LIGHT						<i>Remove from list.</i>
							* 21/04
30750	- RANGE REAR LIGHT 1,335 yards, 187.7° from front light.						<i>Remove from list.</i>
							* 21/04
30750.5	- RANGE REAR PASSING LIGHT						<i>Remove from list.</i>
							* 22/04
30795.1	<i>Lighted Buoy 9</i>		F I G 2.5s		3	Green.	
					*		20/04
30915	- LIGHT 5		Q G	16	2	SG on dolphin.	
			*				20/04
31160	LAS CUCARACHAS LIGHT	18 24 00 N 65 36 42 W	F I W 6s	38	6	NG on skeleton tower.	
					*		13/04
31410	- <i>Lighted Buoy 1</i>		F I G 2.5s		4	Green.	
	*						22/04
31415	- <i>Lighted Buoy 2</i>		F I R 2.5s		4	Red.	
	*		*		*	*	22/04
31435	- ENTRANCE CHANNEL RANGE FRONT LIGHT	18 13 40 N 65 38 04 W	Q W	37		KRW on skeleton tower on piles. Visible 2° each side of rangeline.	
		*					13/04
31690	SAVANA ISLAND LIGHT	18 20 14 N 65 04 58 W	F I W 4s	300	6	White tower.	
		*			*		15/04
VIRGIN PASSAGE AND SONDE DE VIEQUES (Chart 25650)							
Isla de Vieques							
31705	PUNTA ESTE LIGHT	18 08 12 N 65 16 06 W	F I W 6s	43	6	NR on tower.	
					*		16/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
32025	- Lighted Buoy 6		Q R		3	Red.	
			*		*		20/04
Bahia de Guayanilla							
32065	CAYO MARIA LANGA LIGHT	17 57 59 N 66 45 09 W	FI W 2.5s	42	8	NR on skeleton tower.	
		*					14/04
32205	- Lighted Buoy 4	17 56 12 N 55 54 25 W	FI R 4s		3	Red.	
	*	*					17/04
32225	- Buoy 6					Red.	
			*		*		22/04
32670	- LIGHT 6	18 19 54 N 64 56 54 W	FI R 4s	16	3	TR on dolphin.	
					*		13/04
32700	TWO BROTHERS LIGHT	18 20 36 N 64 49 00 W	FI W 6s	23	5	NR on skeleton tower.	
					*		13/04
32905	Round Reef Northeast Junction Lighted Buoy RR	17 45 24 N 64 41 45 W	FI (2+1) G 6s		3	Green and red bands.	
	*	*					13/04
32910	- LIGHT 9		FI G 2.5s	16	3	SG on dolphin.	
					*		13/04
32920	- LIGHT 11		Q G	10	3	SG on dolphin.	
					*		13/04
FREDERIKSTED ROAD (Chart 25644)							
33340	SOUTHWEST CAPE LIGHT	17 40 39 N 64 53 59 W	FI W 6s	45	6	Gray skeleton tower.	
		*			*		15/04
33385	- Entrance Lighted Buoy 1	19 54 48 N 75 10 54 W	FI G 2.5s		3	Green.	
					*		20/04
33390	- Entrance Lighted Buoy 2		FI R 2.5s		3	Red.	
					*		20/04
33415	- LIGHT 7		FI G 4s	15	3	SG on pile.	
			*		*		20/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Guantanamo Bay							
33425	- Lighted Buoy 3		FIG 2.5s		3	Green.	
					*		20/04
33430	- Lighted Buoy 4		FIR 2.5s		3	Red.	
			*		*		20/04
Corinaso Cove							
33470	- Lighted Buoy 2	19 55 12 N 75 09 12 W	QR		3	Red.	
			*		*		20/04
Radio Point							
33490	- LIGHT 1	19 55 18 N 75 09 00 W	FIG 4s	15	3	SG on pile.	
					*		20/04
33520	- LIGHT 5		FIG 4s	14	3	SG on dolphin.	
			*		*		20/04
33535	MUD ISLAND LIGHT 1	19 55 12 N 75 08 42 W	FIG 6s	7	3	SG on pile.	
					*		20/04
MYRTLE GROVE SOUND AND CAPE FEAR RIVER TO CASINO CREEK (Chart 11534)							
Little River - Winyah Bay							
33605	- Daybeacon 2	33 52 14 N 78 34 17 W				TR-TY on pile.	
		*					13/04
34265	- LIGHT 43	33 03 00 N 79 31 06 W	FIG 4s	16	4	SG-SY on dolphin.	
					*		12/04
34710	- RANGE D FRONT LIGHT	32 47 16 N 80 06 04 W	QR	10		KRW-I on pile.	Visible all around; higher intensity on rangeline.
	*	*					15/04
35110	- RANGE C FRONT LIGHT	32 33 05 N 80 25 21 W	QR	10		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
		*	*				12/04
36660	- LIGHT 149		FIG 4s	16	4	SG-SY on pile.	
					*		15/04
Altamaha Sound							
36890	- LIGHT 198		QR	12	4	TR-TY on dolphin.	
			*		*		15/04

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
36905	- LIGHT 201		FI G 4s	12	4	SG-SY on dolphin.	
				*			15/04
	Buttermilk Sound						
37020	- RANGE B FRONT LIGHT 218	31 18 08 N 81 24 02 W	Q R	16	4	KRW-TR-TY on pile.	
		*					12/04
37307	JEKYLL CREEK LIGHT 9	31 05 24 N 81 26 30 W	Q G	12	3	SG-SY on pile.	
			*		*		20/04
37325	- LIGHT 17	31 04 16 N 81 25 44 W	FI G 4s	12	4	SG-SY on pile.	
		*					12/04
	Sisters Creek						
38300	- LIGHT 74	30 26 34 N 81 27 05 W	FI R 4s	16	3	TR-TY on pile.	
		*					12/04
38360	- LIGHT 5		FI G 2.5s			SG-SY on pile.	Obscured from 130° to 260°.
	*		*				* 19/04
38440	- LIGHT 17		FI G 4s	16	3	SG-SY on dolphin.	
					*		10/04
*40608	- LIGHT 17		FI G 4s		4	SG-SY on pile.	
							19/04
40615	- Junction Daybeacon					JG on pile.	
	*		*		*	*	19/04
43240	- LIGHT 7	28 04 30 N 80 35 54 W	Q G	12	3	SG on pile.	Higher intensity down channel. Obscured from 143° to 326°.
					*		10/04
44180	- LIGHT 139		FI G 4s	12	4	SG-SY on pile.	
					*		12/04
45120 9970	FORT PIERCE INLET INNER HARBOR LIGHT 16	27 27 48 N 80 19 36 W	Q G	16	3	SG on pile.	
			*			*	19/04
45845	- LIGHT 229		FI G 4s	12	4	SG-SY on pile.	
					*		11/04
45915.5	- LIGHT 240		FI R 6s	16	4	TR-TY on pile.	
					*		11/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
45940	- LIGHT 4		F I R 2.5s	13	2	TR-TY on pile.	
						*	10/04
46610	- LIGHT 39	26 46 47 N 80 02 42 W	F I G 4s	12	4	SG-SY on pile.	
		*					19/04
Lake Worth Inlet - Hillsboro Inlet							
Lake Worth South							
46715 10260	- LIGHT 1	26 45 55 N 80 02 57 W	Q G	12	3	SG-SY on pile.	
			*			*	20/04
48545	- LIGHT 64		F I R 2.5s	16	3	TR-TY on pile.	Higher intensity beam oriented down channel.
						*	12/04
48590	- LIGHT 69	25 44 30 N 80 11 00 W	F I G 2.5s	16	3	SG-SY on pile.	
						*	11/04
50770	- LIGHT 21		F I G 4s	16	4	SG-SY on pile.	
						*	11/04
52215	- LIGHT 20		Q R	16	3	TR-TY on pile.	
						*	11/04
54750	- LIGHT 93	26 31 40 N 81 59 42 W	F I G 2.5s	16	3	SG-SY on pile.	
						*	11/04
55295	- LIGHT 11		Q G	16	4	SG-SY on pile.	
						*	11/04
Lemon Bay Channel							
57360	- LIGHT 24		F I R 6s	16	4	TR-TY on pile.	
						*	10/04
							19/04
57677	- Daybeacon 51A					SG on pile.	
	*						20/04
57680.1	- Daybeacon 52A					TR-TY on pile.	
	*					*	17/04
57695	- LIGHT 5	27 06 18 N 82 26 48 W	Q G	16	3	SG-SY on pile.	
						*	10/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
57760	- LIGHT 13		Q G	16	3	SG-SY on pile.	
					*		10/04
58570	- LIGHT 13		FI G 4s	12	5	SG-SY on pile.	
					*		20/04
60580	- Daybeacon 13	27 41 34 N 82 40 16 W				SG-SY on pile.	
		*					19/04
TAMPA BAY TO PORT RICHEY (Chart 11411)							
Boca Ciega Bay							
Treasure Island							
61045	- Daybeacon 2	27 44 50 N 82 44 56 W				TR-TY on pile.	
		*					14/04
Clearwater Harbor							
61765	- LIGHT 7	27 56 32 N 82 49 12 W	FI G 4s	16	4	SG-SY on pile.	
		*					18/04

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
APALACHEE BAY (Chart 11405)							
5	<i>Ochlockonee Shoals Lighted Buoy 24</i>	29 51 27 N 84 10 20 W	FI R 4s		4	Red.	
		*			*		21/04
125	<i>Cape San Blas Outer Shoal Lighted Bell Buoy 30</i>	29 28 32 N 85 29 50 W	FI R 6s		4	Red.	
		*			*		21/04
185 3920	<i>Pensacola Bay Entrance Lighted Gong Buoy 1</i>	30 16 16 N 87 17 33 W	FI G 2.5s		4	Green.	
		*			*		21/04
*250	<i>Exxon Mobil Lighted Mooring Buoy</i>	30 15 23 N 88 03 15 W	Q W	4		White with blue band.	SIGN: EXXON-MOBIL. Private aid.
							22/04
300	<i>Walter-105-6 Lighted Buoy</i> Marks Subsea Installation.	28 15 59 N 88 19 01 W	FI W 2.5s	10		White with orange bands.	SIGN: WALTER-ST-MP 286-2. Private aid.
	*	*	*	*			* 14/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MISSISSIPPI SOUND AND APPROACHES (Chart 11373)							
350 10490	Chandeleur Light	30 02 50 N 88 52 40 W	FI W 6s	65	9	NB on a skeleton tower.	
		*					22/04
465 12635	<i>Southwest Pass Entrance Lighted Whistle Buoy SW</i>	28 52 39 N 89 25 55 W	Mo (A) W FI W 2.5s		6 9	Red and white stripes with red spherical topmark.	High intensity flash tube: FI W 2.5s.
		*			*		21/04
* 470	<i>Tarpon-101-1 Lighted Buoy Marks subsea installation.</i>	28 47 49 N 89 33 30 W	FI W 2.5s	10		White with orange bands.	SIGN: TARPON-WD-112-1. Private aid.
							11/04
* 633	<i>Waller-116-3 Lighted Buoy Marks subsea installation.</i>	28 16 48 N 90 14 21 W	FI W 2.5s	10		White with orange bands.	SIGN: WALTER-ST-260-2. Private aid.
							14/04
MISSISSIPPI RIVER TO GALVESTON (Chart 11340)							
635 16515	<i>Belle Pass Entrance Lighted Bell Buoy 2</i>	29 04 16 N 90 13 40 W	Q R		4	Red.	
		*	*		*		21/04
667	<i>El Paso-142-13 Lighted Buoy Marks subsea installation</i>						<i>Remove from list.</i>
							* 11/04
710	<i>Ship Shoal Obstruction Lighted Buoy D</i>	28 52 54 N 90 50 03 W	FI (2) W 5s		5	Black with red band and two black spherical topmarks.	
					*		21/04
* 811	<i>Remington-102-3 Lighted Buoy Marks subsea installation.</i>	28 18 11 N 91 28 28 W	FI W 2.5s			White with orange bands.	SIGN: REMINGTON-EI-304-1. Private aid.
							16/04
* 812	<i>Ridgelake-103-1 Lighted Buoy Marks subsea installation.</i>	28 18 14 N 91 28 22 W	FI W 2.5s	10		White with orange bands.	SIGN: RIDGELAKE-EI-303-1 Private aid.
							23/04
* 968	<i>Remington-250-11 Lighted Buoy Marks subsea installation.</i>	28 37 11 N 93 01 22 W	FI W 2.5s			White and orange bands.	SIGN: REMINGTON-WC-457-1. Private aid. Ra ref.
							16/04
* 995	<i>Tarpon 100-2 Lighted Buoy Marks Subsea Installation.</i>	28 03 02 N 93 19 10 W	FI W 2.5s	10		White with orange bands.	SIGN: TARPON-WC-616-6&7. Private aid.
							10/04
* 1170 22615	<i>Entrance Channel Approach Lighted Buoy GB</i>	29 18 18 N 94 37 36 W	Mo (A) W FI W 2.5s		7 9	Red and white stripes with red spherical topmark.	RACON: G (- - •). High intensity flash tube: FI W 2.5s.
							22/04
1197	<i>Galveston Safety Fairway Lighted Wreck Buoy WR4</i>	28 58 25 N 94 39 50 W	Q R		3	Red.	Marks submerged wreck.
		*					11/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1235	<i>King Ranch 101-1 Lighted Buoy</i> Marks subsea installation.						<i>Remove from list.</i>
							* 17/04
1271	<i>Pioneer-100-4 Lighted Buoy</i> Marks subsea installation.	28 05 10 N 95 41 19 W	FI W 2.5s			White with orange bands.	SIGN: PIONEER-BR-39-1 Private aid.
		*	*				* 14/04
2735	- Buoy 2					Red nun.	
	*						* 17/04
2745	- Buoy 4					Red nun.	
	*						* 17/04
2750	- Buoy 5					Green can.	
	*						* 17/04
2755	- Buoy 7	29 42 42 N 85 00 47 W				Green can.	NW also on pile worded CAUTION MANATEE.
	*	*					* 17/04
2760	- Buoy 8					Red nun.	
	*						* 17/04
3185	- <i>Lighted Buoy 1</i> 75 feet outside channel limit.	30 06 36 N 85 44 53 W	FI G 4s		4	Green.	
	*	*					* 16/04
3190	- <i>Lighted Buoy 2</i> 75 feet outside channel limit.	30 06 32 N 85 44 49 W	FI R 4s		4	Red.	
	*	*					* 16/04
3205	- <i>Lighted Buoy 5</i> 120 feet outside channel limit.		FI G 4s		3	Green.	
	*						* 16/04
*3236	RANGE B FRONT LIGHT	30 08 03 N 85 42 55 W	Iso G 2s	25	6	KRW on tower on piles.	Ra ref. Visible all around, higher intensity on rangeline.
							22/04
*3237	RANGE B REAR LIGHT 1,217 yards, 251.6° from front light.		Iso G 6s	50		KRW on tower on piles.	Ra ref. Visible only on the rangeline.
							22/04
3240	- <i>Lighted Buoy 13</i> 50 feet outside channel limit.		FI G 4s		3	Green.	
	*						* 11/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3245	- Lighted Buoy 14 50 feet outside channel limit.		FIR 4s		4	Red.	
	*						11/04
*3246	- Lighted Buoy 15 80 feet outside channel limit.		FIG 2.5s	4		Green.	
	*						16/04
*3247	- Lighted Buoy 16 80 feet outside channel limit.		FIR 2.5s	4		Red.	
							16/04
3250	- Lighted Buoy 15A 170 feet outside channel limit.	30 08 38 N 85 41 05 W	Q G		5	Green.	
	*	*					11/04
3320 29770	- WEST LIGHT 3						<i>Remove from list.</i>
							* 15/04
*3321	- West Lighted Buoy 3	30 09 03 N 85 41 17 W	Q G		3	Green with yellow square.	
							15/04
3325 29775	- West Lighted Buoy 5	30 09 12 N 85 41 54 W	FIG 4s			Green can with yellow square.	
		*					12/04
3335 29780	- West Lighted Buoy 6	30 09 30 N 85 42 21 W	FIR 2.5s	3	3	Red with yellow triangle.	
		*		*			11/04
*3336	- West Lighted Buoy 8	30 09 40 N 85 42 36 W	FIR 4s		4	Red with yellow triangle.	
							15/04
3340 29785	- West Lighted Buoy 9	30 09 50 N 85 42 50 W	FIG 2.5s		3	Green with yellow square.	
		*					16/04
*3341	- West Lighted Buoy 10	30 10 10 N 85 43 01 W	FIR 4s	4		Red with yellow triangle.	
							11/04
3350 29795	- West Lighted Buoy 11		FIG 4s			Green with yellow square.	
	*					*	11/04
*3351	- West Lighted Buoy 13		FIG 2.5s	4		Green with yellow triangle.	
							14/04
3748.31	- Daybeacon 27	30 09 48 N 85 46 24 W					Private aid.
							* 17/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PENSACOLA BAY ENTRANCE (Chart 11384)							
Pensacola Bay							
3920 185	- Entrance Lighted Gong Buoy 1	30 16 16 N 87 17 33 W	FIG 2.5s		4	Green.	
		*			*		21/04
*5082.07	FORT MORGAN WRECK LB WR2A	30 13 58 N 88 01 16 W	QR			Red.	Buoy is set on the west side of wreck. Mariners should use extreme caution when transiting in the vicinity of the buoy and avoid the area by a wide margin.
							20/04
5083	Fort Maorgan Danger Wreck Daybeacons (5)						<i>Remove from list.</i>
							* 13/04
5295 6200	THEODORE SHIP CHANNEL LIGHT 1 350 feet outside channel limit.	30 28 39 N 88 01 08 W	QG	17	3	SG on pile.	Ra ref.
	*						22/04
6095	FORT GAINES WRECK LIGHT WR1	30 15 00 N 88 04 36 W	QG	17	3	On single pile.	Ra ref.
			*			*	18/04
6200 5295	- LIGHT 1 350 feet outside channel limit.	30 28 36 N 88 01 06 W	QG	17	3	SG on pile.	Ra ref.
	*						22/04
6215	- LIGHT 3 290 feet outside channel limit.		FIG 2.5s	17	4	SG on pile.	Ra ref.
	*						22/04
6220	- LIGHT 5 190 feet outside channel limit.		FIG 4s	17	4	SG on pile.	Ra ref.
	*						22/04
6225	- LIGHT 6 280 feet outside channel limit.		FIR 4s	17	3	TR on pile.	Ra ref.
	*						22/04
6230	- LIGHT 7 225 feet outside channel limit.		FIG 2.5s	17	3	SG on pile.	Ra ref.
	*						22/04
6235	- LIGHT 8 300 feet outside channel limit.		FIR 2.5s	17	3	TR on pile.	Ra ref.
	*						22/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6240	-LIGHT 9 300 feet outside channel limit.					SG on pile.	Ra ref.
	*						22/04
6240	-Daybeacon 9					SG on pile.	Ra ref.
	*		*	*	*		* 18/04
6245	- LIGHT 10 240 feet outside channel limit.		F I R 4s	17	3	TR on dolphin.	Ra ref.
	*						22/04
6250	- LIGHT 11 270 feet outside channel limit.		F I G 2.5s	17	3	SG on pile.	Ra ref.
	*						22/04
6255	- LIGHT 12 200 feet outside channel limit.		F I R 2.5s	17	3	TR on pile.	Ra ref.
	*						22/04
6260	- LIGHT 13 380 feet outside channel limit.		F I G 4s	17	4	SG on pile.	Ra ref.
	*						22/04
6275	- LIGHT 14 270 feet outside channel limit.		Q R	17	3	TR on pile.	Ra ref.
	*						22/04
6280	- Daybeacon 15 285 feet outside channel limit.					SG on pile.	Ra ref.
	*						22/04
6285	- LIGHT 16 260 feet outside channel limit.		F I R 2.5s	17	3	TR on pile.	Ra ref.
	*						22/04
6290	- LIGHT 17 155 feet outside channel limit.	30 31 24 N 88 05 36 W	F I G 2.5s	17	3	SG on pile.	Ra ref.
	*						22/04
6295	-LIGHT 18 160 feet outside channel limit.		F I R 2.5s	17	3	TR on pile.	Ra ref.
	*						22/04
6315	- LIGHT 22 200 feet outside channel limit.		Q R	17	3	TR on pile.	Ra ref.
	*						22/04
6810.4	- Lighted Buoy 4	30 09 54 N 88 33 12 W	F I R 2.5s		3	Red.	
		*					11/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7073	- RANGE B REAR PASSING LIGHT		FI W 4s	12	5	On same structure as Pascagoula Channel Range B Rear Light.	
				*			12/04
PASCAGOULA HARBOR (Chart 11375)							
Bayou Casotte Channel							
7355	- RANGE A FRONT LIGHT	30 20 09 N 88 30 46 W	FI W 2.5s (Day) FI G 2.5s (Night)	48 45		Skeleton tower on piles.	Visible on range line only.
			*				16/04
7360	- RANGE A REAR LIGHT 935 yards, 000.2° from front light.	30 20 36 N 88 30 47 W	Iso W 6s (Day) Iso G 6s (Night)	80 83		Skeleton tower on piles.	Visible on range line only.
		*	*				16/04
*Delete Heading: *LAKES PONTCHARTRAIN AND MAUREPAS (Chart 11369)							
10425	Pass Manchac Channel Daybeacon 2						<i>Remove from list.</i>
							* 16/04
*Add Heading: *LAKES PONTCHARTRAIN AND MAUREPAS (Chart 11369)							
10426	Williams Land Company Danger Daybeacon South	30 19 52 N 90 24 42 W		7		NW on pile.	Worded: DANGER BARRICADE AHEAD
							* 16/04
12585	OYSTERVILLE LIGHT 9		Iso G 6s	17	5	SG on piles.	
				*			21/04
12635 465	- Entrance Lighted Whistle Buoy SW	28 52 39 N 89 25 55 W	Mo (A) W FI W 2.5s		6 9	Red and white stripes with red spherical topmark.	High intensity flash tube: FI W 2.5s.
		*			*		21/04
13408	Wills Point Anchorage Upper Daybeacon 67.6	29 45 03 N 90 00 57 W				NY on pile.	Ra ref.
		*					16/04
NEW ORLEANS HARBOR (Chart 11368)							
Head of Passes to New Orleans							
<i>Designations left descending bank (LDB) and right descending bank (RDB) are as seen from a vessel going downstream. Mileage given indicates the number of miles above Head of Passes Junction Light.</i>							
13579 33257	New Orleans General Anchorage Lower Daybeacon 90.1	29 55 52 N 89 59 41 W				NY on pile.	Ra ref.
		*					16/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14585	WHITE CASTLE RANGE FRONT LIGHT RDB mile 192.7.	30 10 36 N 91 08 11 W	F G			KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
		*	*				17/04
14590	WHITE CASTLE RANGE REAR LIGHT 164 yards, 224° from front light.		F G			KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
			*				17/04
14843	Baton Rouge General Anchorage Lower Daybeacon 225.8	30 23 32 N 91 13 28 W				NY on pile.	Ra ref.
		*					16/04
*15357	BARATARIA PASS SURVEY LIGHT A	29 16 16 N 89 56 41 W	FI Y 2.5s	8		On four pile cluster.	Private aid.
							21/04
	*Delete Headings: *BARATARIA BAY AND APPROACHES (Chart 11358) *Barataria Bay *Rattlesnake Bayou Approach						
15520	LAKE GRAND ECAILLE ENTRANCE LIGHT						Remove from list.
							*
	*Add Headings: *BARATARIA BAY AND APPROACHES (Chart 11358) *Barataria Bay *Rattlesnake Bayou Approach						
15525	LAKE GRAND ECAILLE PIPELINE LIGHT A	29 23 48 N 89 47 42 W	FI Y 4s	10		NW on pile.	Private aid.
							17/04
16206.1	- Buoy 2	29 11 39 N 90 02 42 W				Red nun.	Private aid.
		*					18/04
16206.2	- Buoy 3	29 12 07 N 90 02 59 W				Green can.	Private aid.
		*					18/04
16206.3	- Buoy 4	29 11 54 N 90 02 49 W				Red nun.	Private aid.
		*					18/04
16206.4	- Buoy 5	29 12 12 N 90 02 56 W				Green can.	Private aid.
		*					18/04
16206.5	- Buoy 6	29 12 11 N 90 02 45 W				Red nun.	Private aid.
		*					18/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16515 635	- Entrance Lighted Bell Buoy 2	29 04 16 N 90 13 40 W	Q R		4	Red.	
		*	*		*		21/04
16520	- RANGE FRONT LIGHT	29 05 57 N 90 13 23 W	Q G	18		KRW on platform.	
		*	*	*	*		12/04
16523	- RANGE FRONT PASSING LIGHT						<i>Remove from list.</i>
							* 11/04
*17612	- Daybeacon 48A					TR on pile.	Ra ref. 15/04
19965	- LIGHT 6	29 30 04 N 92 18 50 W	F I R 6s	17	4	TR on dolphin.	Ra ref. 11/04
		*					11/04
20615	- Lighted Buoy 39	29 43 33 N 93 20 22 W	F I G 2.5s		4	Green.	11/04
		*					11/04
21597	- OLD RIVER OBSTRUCTION LIGHT WR1						<i>Remove from list.</i> * 11/04
21810	- RANGE G FRONT LIGHT	29 49 34 N 93 57 44 W	Q W Q G	38 36			Ra ref. Lighted throughout 24 hours. * 11/04
			*	*		*	11/04
21815	- RANGE G REAR LIGHT 425 yards, 342.5° from front light.		Iso W 6s Iso G 6s	72 74			Ra ref. Lighted throughout 24 hours. * 11/04
			*	*		*	11/04
	*Delete Heading: *Orange County Pier						
22225	NAVY PIER 5 LIGHTS (2)		F G	10		On dolphin.	Maintained by U.S. Navy. 21/04
	Orange County Pier						
22245	- Orange County Pier 6		Q G	10		On pile.	Private aid. 21/04
	*						21/04
22260	- Orange County Pier 3		Q G	10		On pile.	Private aid. 21/04
	*						21/04
22265	- Orange County Pier 2		Q G	10		On pile.	Private aid. 21/04
	*						21/04

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SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22615 1170	- Entrance Channel Approach Lighted Buoy GB	29 18 18 N 94 37 36 W	Mo (A) W FI W 2.5s		7 9	Red and white stripes with red spherical topmark.	RACON: G (- - -). High intensity flash tube: FI W 2.5s.
	*		*				22/04
22740 34390	Pelican Island Spit Shoal Lighted Buoy P	29 20 27 N 94 46 21 W	FI (2+1) G 6s		4	Green and red bands.	
		*					11/04
Houston Ship Channel							
22815 34385	- Entrance Lighted Bell Buoy 18	29 21 04 N 94 47 01 W	Q R		4	Red with yellow square.	
		*					11/04
23535	UPPER MORGANS POINT INBOUND RANGE FRONT LIGHT	29 42 05 N 95 00 02 W	Q G	20		KRW on dolphin.	Visible only on the rangeline.
					*		* 22/04
*23536	UPPER MORGANS POINT RANGE FRONT PASSING LIGHT	29 42 05 N 95 00 02 W	FI W 4s	15	3	On same structure as Upper Morgans Point Inbound Range Front Light.	22/04
24052	EXXON ALEXANDER ISLAND DOCK LIGHT						<i>Remove from list.</i>
						*	23/04
24065	BAYTOWN BEND TOWER OBSTRUCTION LIGHT A						<i>Remove from list.</i>
						*	22/04
*24066	BAYTOWN BEND TOWER OBSTRUCTION LIGHT A	29 43 40 N 95 01 41 W	Q W	11		On base of lattice tower.	Private aid.
							10/04
*24072	BAYTOWN BEND TOWER OBSTRUCTION LIGHT C	29 43 52 N 95 01 35 W	Q W	12		On base of lattice tower.	Private aid.
							10/04
*24074	BAYTOWN BEND TOWER OBSTRUCTION LIGHT D	29 43 51 N 95 01 29 W	Q W	12		On base of lattice tower.	Private aid.
							10/04
25990	- Lighted Buoy 4 250 feet outside channel limit.	28 24 19 N 96 18 12 W	FI R 2.5s		4	Red.	
		*					11/04
26475	- RANGE B FRONT LIGHT						<i>Remove from list.</i>
						*	18/04
26480	- RANGE B REAR LIGHT						<i>Remove from list.</i>
						*	18/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
26485	- RANGE C FRONT LIGHT						<i>Remove from list.</i>
							* 18/04
26490	- RANGE C REAR LIGHT						<i>Remove from list.</i>
							* 18/04
29770 3320	- WEST LIGHT 3						<i>Remove from list.</i>
							* 15/04
29771	- West Lighted Buoy 3	30 09 03 N 85 41 17 W	Q G		3	Green with yellow square.	
	*						17/04
29780 3335	- West Lighted Buoy 6	30 09 30 N 85 42 21 W	FI R 2.5s		3	Red with yellow triangle.	
		*					11/04
*29781	- West Lighted Buoy 8	30 09 40 N 85 42 36 W	FI R 4s		4	Red with yellow triangle.	
							15/04
29785 3340	- West Lighted Buoy 9	30 09 50 N 85 42 50 W	FI G 2.5s		4	Green with yellow square.	
		*					16/04
*29786	- West Lighted Buoy 10	30 10 10 N 85 43 01 W	FI R 4s		4	Red with yellow triangle.	
							11/04
29795 3350	- West Lighted Buoy 11		FI G 4s			Green can with yellow square.	
	*						11/04
*29796	- West Lighted Buoy 13		FI G 2.5s		4	Green with yellow triangle.	
							14/04
	*Add Heading:						
	*Rigolets - New Orleans						
*33143	Floria Ave. Bridge Approach Lighted Buoy 1	29 58 55 N 90 01 17 W	FI G 2.5s			Green with yellow square.	Private aid.
							13/04
*33144	Floria Ave. Bridge Approach Lighted Buoy 2	29 58 55 N 90 01 18 W	FI R 2.5s			Red with yellow triangle.	Private aid.
							13/04
*33145	Floria Ave. Bridge Approach Lighted Buoy 3	29 58 47 N 90 01 17 W	FI G 2.5s			Green with yellow square.	Private aid.
							13/04
*33146	Floria Ave. Bridge Approach Lighted Buoy 4	29 58 47 N 90 01 18 W	FI R 2.5s			Red with yellow triangle.	Private aid.
							13/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *Mississippi River - Gulf Outlet							
33165 13610	INNER HARBOR NAVIGATION CANAL LIGHT 2		Q R	40	5	TR-SY on skeleton tower.	13/04
33257 13579	New Orleans General Anchorage Lower Daybeacon 90.1	29 55 52 N 89 59 41 W				NY on pile.	Ra ref.
		*					16/04
*33362	LAROSE WRECK LT WR1	29 33 32 N 90 23 24 W	Q G	17	3		18/04
33585	- LIGHT 2	29 39 36 N 91 14 35 W	Q R	17	4	TR on pile.	Ra ref.
		*					11/04
33647	Louisa Bridge Western Approach Checkpoint Daybeacon	29 46 32 N 91 47 36 W				NW on pile with orange border worded CALL BRIDGE CHANNEL 13.	Radio checkpoint for State Route 319 (Louisa) swing span bridge.
		*					17/04
34385 22815	<i>Houston Ship Channel Entrance Lighted Bell Buoy 18</i>	29 21 04 N 94 47 01 W	Q R		4	Red with yellow square.	11/04
		*					11/04
34390 22740	<i>Pelican Island Spit Shoal Lighted Buoy P</i>	29 20 27 N 94 46 21 W	FI (2+1) G 6s		4	Green can with red bands.	11/04
		*					11/04
*Add Heading: *Harborwalk Entrance East							
*34977	- Daybeacon 1	29 17 06 N 94 57 31 W		10		SG on pile.	Private aid.
							10/04
*34977.01	- Daybeacon 2	29 17 06 N 94 57 29 W		10		TR on pile.	Private aid.
							10/04
*34977.02	- Daybeacon 3	29 17 09 N 94 57 31 W		10		SG on pile.	Private aid.
							10/04
*34977.03	- Daybeacon 4	29 17 09 N 94 57 29 W		10		TR on pile.	Private aid.
							10/04
34977.04	- Daybeacon 5	29 17 11 N 94 57 32 W		10		SG on pile.	Private aid.
		*					14/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*34977.05	- Daybeacon 6	29 17 12 N 94 57 30 W		10		TR on pile.	Private aid. 10/04
*34977.06	- Daybeacon 7	29 17 14 N 94 57 32 W		10		SG on pile.	Private aid. 10/04
*34977.07	- Daybeacon 8	29 17 14 N 94 57 30 W		10		TR on pile.	Private aid. 10/04
*34977.08	- Daybeacon 9	29 17 17 N 94 57 32 W		10		SG on pile.	Private aid. 10/04
*34977.09	- Daybeacon 10	29 17 17 N 94 57 30 W		10		TR on pile.	Private aid. 10/04
*34977.1	- Daybeacon 11	29 17 21 N 94 57 32 W		10		SG on pile.	Private aid. 10/04
*34977.11	- Daybeacon 12	29 17 20 N 94 57 31 W		10		TR on pile.	Private aid. 10/04
*34977.12	- Daybeacon 13	29 17 22 N 94 57 31 W		10		SG on pile.	Private aid. 10/04
	*Add Heading: *Galveston - Freeport						
34980	- Buoy 60					Red nun with yellow triangle.	10/04
	*Add Heading: *Harborwalk Entrance West						
*34987	- Daybeacon 1	29 17 02 N 94 57 57 W		10		SG on pile.	Private aid. 10/04
*34987.01	- Daybeacon 2	29 17 03 N 94 57 56 W		10		TR on pile.	Private aid. 10/04
*34987.02	- Daybeacon 3	29 17 05 N 94 57 57 W		10		SG on pile.	Private aid. 10/04
*34987.03	- Daybeacon 4	29 17 05 N 94 57 56 W		10		TR on pile.	Private aid. 10/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*34987.04	- Daybeacon 5	29 17 07 N 94 57 58 W		10		SG on pile.	Private aid. 10/04
*34987.05	- Daybeacon 6	29 17 08 N 94 57 57 W		10		TR on pile.	Private aid. 10/04
*34987.06	- Daybeacon 7	29 17 08 N 94 57 59 W		10		SG on pile.	Private aid. 10/04
	*Add Heading: *Galveston - Freeport						
34990	- Buoy 62					Red nun with yellow triangle.	10/04
36455	- Buoy 6						Remove from list. * 11/04
36500	- Buoy 16						Remove from list. * 12/04
36535	- Buoy 22						Remove from list. * 12/04
	Queen Isabella Causeway						
40552	- NORTHEAST DANGER LIGHTS (4)	26 04 54 N 97 11 51 W	FI W 2.5s	12		On pile structure.	Private aids. * 21/04
40552.01	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT B						Remove from list. * 18/04
40552.02	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT C						Remove from list. * 18/04
40552.03	QUEEN ISABELLA CAUSEWAY SOUTHEAST DANGER LIGHT D						Remove from list. * 18/04
40552.1	- NORTHWEST DANGER LIGHTS(5)	26 04 54 N 97 12 02 W	FI W 2.5s	12		On pile structure.	Private aids. * 21/04
40552.11	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT B						Remove from list. * 18/04

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SECTION II

SUMMARY OF CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
40552.12	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT C						<i>Remove from list.</i>
							* 18/04
40552.13	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT D						<i>Remove from list.</i>
							* 18/04
40552.14	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT E						<i>Remove from list.</i>
							* 18/04
40552.15	- SOUTHWEST DANGER LIGHTS (5)	26 04 52 N 97 12 01 W	FI W 2.5s	9		On pile structure.	Private aids.
	*	*				*	* 21/04
40552.16	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT G						<i>Remove from list.</i>
							* 18/04
40552.17	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT H						<i>Remove from list.</i>
							* 18/04
40552.18	QUEEN ISABELLA CAUSEWAY SOUTHWEST DANGER LIGHT I						<i>Remove from list.</i>
							* 18/04
*40552.2	- SOUTHEAST DANGER LIGHTS (4)	26 04 57 N 97 11 50 W	FI W 2.5s	12		On pile structure.	Private aids.
							21/04
40740 28350	- RANGE C FRONT LIGHT	26 02 16 N 97 12 43 W	Q G Q G	42 40	3	KRW-I on skeleton tower on piles.	Visible all around; higher intensity on range line.
		*					10/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7990	- Channel Daybeacon 44	38 19 44 N 123 02 48 W				TR on pile.	
		*					23/04
8035	- Buoy 3	38 13 52 N 122 58 43 W				Green can.	
		*					23/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8290	- LIGHT 3	40 44 39 N 124 13 28 W	FI G 2.5s	15	3	SG on pile.	Ra ref.
		*			*		23/04
8470	Emerald Bay Entrance Buoy 3	38 57 51 N 120 04 55 W				Green can.	
		*					23/04
*8475	Emerald Bay Entrance Buoy 4	38 57 52 N 120 04 59 W				Red nun.	
							23/04
10365	PRICE ISLAND LIGHT 35	46 15 16 N 123 26 40 W	FI G 4s	12	5	SG on pile structure.	
		*					23/04
15785	- NORTH CHANNEL RANGE F FRONT LIGHT	46 58 12 N 123 55 54 W	Q W	27		KRB on pile structure.	Visible all around; higher intensity on rangeline.
		*					23/04
15790	- NORTH CHANNEL RANGE F REAR LIGHT 12 yards, 255° from front light.		Iso W 6s	45		KRB on pile structure.	Visible 5.5° each side of rangeline.
	*						23/04
16005	- OUTER BREAKWATER NORTH LIGHT 8	46 54 38 N 124 06 29 W	FI R 4s	15	4	TR on pile.	Higher intensity beam up channel.
		*					23/04
16010	- OUTER BREAKWATER SOUTH LIGHT 10	46 54 32 N 124 06 26 W	Q R	15	4	TR on pile.	Higher intensity beam down channel.
		*					23/04
*18591	OUTFALL PIPE LIGHTED BUOY A	48 00 15 N 122 10 38 W	FI Y 10s			Yellow can.	Private aid.
							23/04
*18592	OUTFALL PIPE LIGHTED BUOY B	47 59 28 N 122 10 44 W	FI Y 10s			Yellow can.	Private aid.
							23/04
29065	<i>Diamond Head Reef Lighted Buoy 2</i>	21 14 49 N 157 48 56 W	Q R		4	Red.	
		*					23/04
29265	- <i>Lighted Buoy 5</i>	21 17 58 N 157 53 49 W	FI G 2.5s		4	Green.	
		*					23/04
30740	- <i>Junction Lighted Buoy A</i>	13 27 24 N 144 39 26 E	FI (2+1) G 6s		4	Green and red bands.	Marks junction of Cabras Island Channel and Apra Outer Harbor Channel.
		*					23/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3010	- <i>Lighted Buoy 5</i>	42 57 00 N 78 54 40 W	Q G			Green.	Maintained from May 01 to Dec. 01.

*

23/04

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17016 <i>J 6425.4</i>	-Cayo Grande, Sebastopol.	11° 46.8' N 66° 34.9' W	Fl.W. period 6s fl. 1s, ec. 5s	39 12	12	White fiberglass tower, red and white bands.	* * 23/04
17194 <i>J 6514</i>	Cabo Tres Puntas.	10° 46.0' N 62° 42.8' W	Fl.W. period 5s fl. 1s, ec. 4s	633 193	19	White fiberglass tower, orange bands; 30.	* 23/04

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3848 <i>F 6631</i>	Shiriyu Ko, Shiriya, breakwater.	41° 24.7' N 141° 25.9' E	Fl.G. period 3s	46 14	7	White round concrete tower; 31.	* * * * 23/04
12698 <i>F 5261.8</i>	Go Se, approach to Gonoura Ko.	33° 42.5' N 129° 41.6' E	Fl.W. period 3s	36 11	3	White concrete tower; 25.	* 23/04
13496 <i>F 4801</i>	Kita-daito Shima.	25° 57.0' N 131° 17.6' E	Fl.W. period 15s	295 90	22	White round concrete structure; 72.	* * 23/04

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1136 <i>D 1180</i>	-Joinville (Port-Breton), NW. jetty, head.	46° 43.8' N 2° 20.7' W	Oc.(3)W.G. period 12s lt. 4.5s, ec. 1.5s lt. 1.5s, ec. 1.5s lt. 1.5s, ec. 1.5s	20 6	W. 11 G. 8	White octagonal turret, green top; 16.	G. shore-150°, W.-232°, G.-279°, W.-285°, G.-shore. * 23/04
2940 <i>D 1890</i>	-Cabo Estay Range, front.	42° 11.1' N 8° 48.9' W	Iso.W. period 2s	59 18	18	Red truncated pyramidal tower, white bands; 20.	Visible 3° each side of range line. Nautophone: Mo.(V) ev. 60s (bl. 1.5s, si. 1.5s, bl. 1.5s, si. 1.5s, bl. 1.5s, si. 1.5s, bl. 9s, si. 42s). * 23/04
	-RACON		B(-...)				* 23/04
16104 <i>E 4800</i>	-S. breakwater (Pier VI), head.	35° 20.9' N 25° 09.2' E	L.F.I.R. period 6s fl. 2s, ec. 4s	46 14	9	White concrete tower, gallery; 33.	* * 23/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17352 <i>E 4904</i>	- Outer detached breakwater, NW. extremity.	41° 00.5' N 29° 00.2' E	FL.G. period 2s fl. 0.3s, ec. 1.7s	49 15	8	White concrete tower; 26.	Horn: 1 bl. ev. 6s.
	- RACON		G(- - -)				
	*		*				* 23/04
*17458	<i>Umur Banklari Buoy</i>	41° 08.8' N 29° 03.9' E	Q.(6)+L.FI.W. period 15s			S. CARDINAL YB, pillar, topmark.	
	RACON		D(- - -)				23/04
17484 <i>E 4955</i>	-Dikili Tas.	41° 11.0' N 29° 04.8' E	FL.(2)G. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	26 8	10	White concrete tower; 23.	
	-RACON		C(- - -)				
	*		*		*		23/04
22088 <i>E 6432</i>	-Entree du Goulet, N. head.	37° 16.5' N 9° 53.1' E	F.G.	16 5	4		
			*	*	*	*	* 23/04
22092 <i>E 6434</i>	-S. head.	37° 16.4' N 9° 53.2' E	FL.R.	16 5	3		Visible 055°-310°.
			*	*		*	23/04
22106 <i>E 6454</i>	-Menzel Abderrahman.	37° 13.9' N 9° 51.7' E	FL.R. period 5s fl. 1s, ec. 4s	30 9	4		
				*	*		23/04
22148 <i>E 6460</i>	Jazirat Tabargah.	36° 57.8' N 8° 45.5' E	FL.W. period 2.5s	236 72	17	White tower.	
			*			*	23/04
22152 <i>E 6462</i>	-Fishing harbor, N. mole, head.	36° 57.4' N 8° 45.9' E	FL.G. period 4s fl. 1s, ec. 3s	33 10	6	Green tower.	
			*		*		23/04
22156 <i>E 6462.4</i>	-Digue, E. elbow.	36° 57.5' N 8° 45.9' E	FL.R. period 5s fl. 1s, ec. 4s	33 10	6	Red tower.	
			*			*	* 23/04
	ANNABA (BONE):						
22176 <i>E 6486</i>	-Jetee du Lion, head.	36° 54.3' N 7° 47.1' E	Oc.(3)G. period 12s lt. 4.5s, ec. 1.5s lt. 1.5s, ec. 1.5s lt. 1.5s, ec. 1.5s	52 16	9	White tower; 56.	
				*	*		23/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22184 <i>E 6492.4</i>	-Jeteo Sud, N. side.	36° 54.2' N 7' 46.8' E	F.R.	23 7	2	White column.	
				*	*	*	23/04
22296 <i>E 6551</i>	- head.	36° 49.6' N 5' 47.0' E	Iso.G. period 4s	30 9	6	Black column; 10.	F.R. and F.G. lights mark the heads of the jetties in the inner harbor.
					*		23/04
22332 <i>E 6573</i>	-Auxiliary light, 150 meters 056° from main light, at foot of cliff.	36° 46.6' N 5' 06.4' E	Fl.W.R. period 1.5s	105 32	W. 10 R. 7	White round tower, square dwelling; 26.	W. 094°-114° (obsc. by shore), R.-126°, W.-316°, obsc.-094°, (295°-316° obsc. by shore).
			*				23/04
22344 <i>E 6582</i>	-Azefoun, jetty, head.	36° 54.2' N 4' 25.3' E	Oc.(2)R. period 6s lt. 3s, ec. 1s lt. 1s, ec. 1s	20 6	4	White round water tower; 13.	Obscured by Cap Corbelin.
				*	*	*	23/04
22356 <i>E 6590</i>	-S. wharf, SE. angle.	36° 54.9' N 3' 55.2' E	Oc.R. period 4s lt. 3s, ec. 1s	39 12	5	White round tower; 33.	Obscured by Pointe de Dellys when bearing less than 203°.
				*	*	*	23/04
22360 <i>E 6592</i>	Cap Bengut.	36° 55.2' N 3' 53.5' E	Fl.(4)W. period 15s	208 63	30	White square tower; 95.	Visible 079°-287°, obscured by Pointe de Dellys southward of 270°.
						*	23/04
22364 <i>E 6593.4</i>	Courbet-Marine, NE. Pier, head.	36° 48.3' N 3' 33.6' E	Q.W.	39 12	6	White round tower on square hut; 23.	
	*					*	23/04
22416 <i>E 6616</i>	-(Amiral Mouchez Mole), N. entrance, W. side.	36° 46.3' N 3' 04.0' E	F.R.	33 10	6	White round column; 26.	Visible 145°-025°.
				*	*	*	23/04
22420 <i>E 6617</i>	--E. side.	36° 46.3' N 3' 04.1' E	F.G.	33 10	5	White round column; 26.	Visible 340°-196°.
				*		*	23/04
22520 <i>E 6658</i>	Cap Ivi.	36° 06.9' N 0' 13.7' E	Fl.W. period 5s fl. 0.4s, ec. 4.6s	387 118	31	Yellow octagonal tower, red house; 59.	Visible 064°-244°.
					*		23/04

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
230	Cabo Estay Light Station						<i>Remove from list.</i>
							*
							23/04

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SECTION II

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5384 <i>A 5116</i>	-West Hoyle Spit (Earwig). Outer 096°30'.	53° 21.2' N 3° 24.1' W	Dir.Iso.W.R.G. period 2s		W 10 R 7 G 7	Perch pile.	Port entry light. G. 094°-096°, W.-097°, R.-099°. Occasional.
			By day.		W 3 R 2 G 2		
			Q.G.		5		Tidal monitoring station.
	*	*	*	*	*	*	* 23/04
*5384.1 <i>A 5116.05</i>	-Port of Mostyn. Inner 180°.	53° 19.3' N 3° 16.0' W	Dir.Iso.W.R.G. period 2s		W 10 R 7 G 7	Yellow framework tower.	Port entry light. G. 177°30'- 179°30', W.-180°30', R.- 182°30'.
			By day.		W 3 R 2 G 2		
							23/04
5520 <i>A 5204</i>	South Stack.	53° 18.4' N 4° 41.9' W	Fl.W. period 10s fl. 0.2s, ec. 9.8s	197 60	24	White round tower; 92.	Visible 145°-325°. Shown 24 hours. Obscured by N. Stack to the N. Horn: 1 bl. ev. 30s (bl. 3s, si. 27s). Fog detector light.
			*		*	*	23/04

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4848 <i>L 0214</i>	Austnes, Vaerlandet, E. side.	61° 17.0' N 4° 47.0' E	Iso.W.R.G. period 2s	26 8	W. 6 R. 4 G. 4	Iron hut.	G. 215°-223°, W.-238°, R.-289°, W.-299°, G.-351°, W.-358°, R.-030°, W.-036°, G.-049°.
			*				* 23/04
4852 <i>L 0216</i>	Austnesholmen, Vaerroysund.	61° 18.0' N 4° 47.0' E	Iso.W.R.G. period 6s	39 12	W. 6 R. 4 G. 4	Iron hut.	G. 126°-139°, W.-142°, R.-193°, W.-196°, G.-219°, R.-227°, W.-252°, G.-299°, W.-310°, R.-007°, W.-021°, G.-029°.
			*				* 23/04
FORDEFJORDEN:							
5060 <i>L 0282</i>	-Hellenes.	61° 27.0' N 5° 29.0' E	Oc.(2)W.R.G.	42 13	W. 9 R. 7 G. 7	Hut; 10.	R. 268°-273°, W.-280°, G.-110°, R.-116°.
					*	*	* 23/04
5064 <i>L 0286</i>	-Gjeitnes.	61° 28.7' N 5° 39.8' E	Iso.W.R.G. period 6s	15 5	W. 6 R. 4 G. 4	Iron hut.	R. 031°-064°, W.-155°, G.-203°, W.-224°, R.-236°.
					*		* 23/04
5068 <i>L 0288</i>	-Ultangnes.	61° 29.0' N 5° 48.0' E	Oc.W.R.G. period 6s	13 4	W. 9 R. 8 G. 8	Lantern on concrete base.	R. 116°-124°, W.-316°, R.-335°, W.-343°, G.-345°.
			*		*	*	* 23/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5136 <i>L 0327</i>	Helgoy, Eikefjorden.	61° 37.0' N 5° 15.0' E	Oc.(2)W.R.G. period 8s	16 5	W. 9 R. 7 G. 6	Column.	G. 261°-270°, W.-271°, R.-054°, G.-072°, W.-076°, R.-082°.
				*		*	* 23/04
*13878 <i>L 3860</i>	Hasvik, outer mole.	70° 28.8' N 22° 10.3' E	Iso.R. period 2s	36 11	2 Post.		* 23/04

SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1164 <i>C 0626</i>	Matskar.	57° 30.5' N 11° 44.7' E	Q.W.R.G.	33 10	W. 5 R. 3 G. 3	White hut.	G. 214°-227°, W.-237°, R.-310°, G.-003°, W.-016°, R.-045°. Fishing light.
		*					* 20/04
*5518 <i>C 2405.55</i>	N. Breakwater.	55° 31.4' N 12° 53.4' E	F.R.	11 4	4		* 18/04
*5518.1 <i>C 2405.56</i>	S. Breakwater.	55° 31.3' N 12° 53.4' E	F.G.	11 4	4		* 18/04
7316 <i>C 7538</i>	Hano.	56° 00.8' N 14° 50.8' E	Fl.(3)W. period 12s	231 70	24	White concrete tower; 52.	Shown by day during poor visibility Nov. 1 to Mar. 31.
		*	*		*		* 20/04
7324 <i>C 7536</i>	Bonsacken.	56° 01.1' N 14° 50.1' E	Fl.(2)W.R.G. period 6s	36 11	W. 9 R. 6 G. 5	Gray structure.	G. 000°-020°, W.-054°, R.-134°, G.-150°, W.-239°, R.-255°, G.-268°.
		*			*		* 20/04
8247 <i>C 7087.3</i>	-SE. Granso.	57° 44.1' N 16° 43.3' E	I.V.Q.Y. period 6s	13 4	3	Yellow pole; 13.	Visible 270°-030°. Radar reflector.
			*				* 21/04
8740 <i>C 6802</i>	-Norra Masklubbshallan, S. side of channel.	58° 40.1' N 17° 16.8' E	Q.W.R.G.	10 3	W. 12 R. 10 G. 8	White structure, red band. Floodlit.	G. 138°-275°30', W.-279°, R.- 296°.
		*			*	*	* 18/04
*Add Heading: *SANDHAMNSLEDEN:							
*9134 <i>C 6485</i>	-Stora Hastskar.	59° 15.5' N 18° 53.8' E	Fl.(3)W.R.G. period 9s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 4.2s		W. 7 R. 5 G. 4		R. 238°30'-242°, G.-248°30', W.-250°, R.-256°, G.-268°30'.
							* 18/04

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9168 <i>C 6606</i>	-Bedaro.	58° 53.8' N 17° 57.6' E	Iso.W.R.G. period 4s	10 3	W. 7 R. 5 G. 4	White hut.	G. 020°30'-033°30', W.-036°, R.-043°, obsc.-155°, G.-163°, W.-177°, R.-195°.
		*	*				16/04
9196 <i>C 6619</i>	Mysingeholm.	59° 00.2' N 18° 15.5' E	Iso.W.R.G. period 4s	26 8	W. 7 R. 5 G. 4	White tower, red roof; 21.	G. 005°-043°12', G.(intensified)- 044°30', W.(intensified)- 046°30', R.(intensified)- 049°42', R.-084°, G.-118°, R.- 164°, G.-186°, W.-200°, R.- 204°30', G.-210°, W.-211°, R.-223°.
		*					* 18/04
10340 <i>C 6172</i>	Eggegrund.	60° 43.7' N 17° 33.5' E	Fl.(4)W.R. period 12s	95 29	14	Concrete tower, upper part black, lower part white; 85.	R.-150°-204°, W.-150°.
	*	*	*		*		* 20/04
*10706 <i>C 6045.8</i>	Ingaskar.	61° 53.8' N 17° 21.5' E	Oc.(2)W.R.G. period 10s	20 6	W. 12 R. 9 G. 8	White tower.	R. 246°-274°, G.-279°, W.-288°, R.-334°, W.-358°.
							23/04
11752 <i>C 5743.1</i>	--Rear, 800 meters 113° from front.	65° 32.2' N 22° 17.7' E	Q.W.	36 11	9	White tower, white triangular daymark, orange border, point down.	Visible on range line only. Radar reflector.
		*				*	* 16/04
*12114	-Kara Osta Range No. "1", front.	56° 32.7' N 21° 01.2' E	Iso.G. period 3s	49 15	1	Framework tower, white rectangular daymark, black stripe; 33.	Visible on range line only. Shown by day.
							19/04
*12114.1	--Rear, 160 meters 097°30' from front.	56° 32.6' N 21° 01.4' E	Iso.G. period 3s	69 21	1	Framework tower, white rectangular daymark, black stripe; 49.	Visible on range line only. Shown by day.
							19/04
*12115	-Kara Osta Range No. "2", front.	56° 32.4' N 21° 01.8' E	Iso.R. period 2s	39 12	1	Framework tower, white rectangular daymark, red stripe; 33.	Visible on range line only. Shown by day.
							19/04
*12115.1	--Rear, 161 meters 113°48' from front.	56° 32.4' N 21° 02.0' E	Iso.R. period 2s	52 16	1	Framework tower, white rectangular daymark, red stripe; 39.	Visible on range line only. Shown by day.
							19/04
*12116	-Kara Osta Range No. "3", front.	56° 32.5' N 21° 01.4' E	Iso.W. period 3s	46 14	1	Framework tower, white rectangular daymark, black stripe; 33.	Visible on range line only. Shown by day.
							19/04
*12116.1	--Rear, 171 meters 271° from front.	56° 32.5' N 21° 01.2' E	Iso.W. period 3s	62 19	1	Framework tower, white rectangular daymark, black stripe; 36.	Visible on range line only. Shown by day.
							19/04

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12496 <i>C 3595</i>	Someri Poolsaar.	58° 21.0' N 23° 44.4' E	Fl.W. period 6s fl. 0.6s, ec. 5.4s	76 23	15	White octagonal concrete tower, balcony; 66.	Shown Apr. 4 to Dec. 15.
					*		* 16/04
12664	Roomassaare Range, front.	58° 12.8' N 22° 30.3' E	Oc.W.R.G. period 4s fl. 1s, ec. 3s	46 14	W. 7 R. 4 G. 2	Red framework tower, black rectangular daymark, white stripe; 39.	W. 276°30'-006°30', Obsc.- 015°, G.-024°, W.-030°, R.- 039°. Shown Apr. 20 to Dec. 15.
	*	*	*		*	*	* 18/04
*12664.1 <i>C 3622.1</i>	-Rear, 722 meters 321°30' from front.	58° 13.1' N 22° 29.9' E	Oc.W. period 4s fl. 1s, ec. 3s	108 33	10	Framework tower, black rectangular daymark, white stripe; 98.	Visible on range line only. Shown Apr. 20 to Dec. 15.
							18/04
*12694 <i>C 3717.5</i>	-Panga.	58° 34.2' N 22° 17.3' E	Fl.W. period 5s fl. 0.5s, ec. 4.5s	157 48	7	Red framework tower, white trapezoidal daymark; 98.	Shown Apr. 5 to Jan. 10.
							16/04
*12879.02 <i>C 3805.71</i>	-Rear, 137°12', 92 meters from front.	59° 33.5' N 24° 47.6' E	Oc.R. period 3s fl. 2.5s, ec. 0.5s	23 7	2	Red post, black stripe, white trapezoidal daymark; 20.	
							20/04
*12879.03 <i>C 3805.5</i>	-Pierhead.	59° 33.5' N 24° 47.6' E	Fl.G. period 3s fl. 1s, ec. 2s	16 5	2	Green metal post; 10.	
							20/04
15132 <i>C 4930</i>	Mulan Islet Range, front.						<i>Remove from list.</i>
							* 20/04
15136 <i>C 4930.1</i>	-Rear, 277° from front.						<i>Remove from list.</i>
							* 20/04
15140 <i>C 4931</i>	Mulan Islet.						<i>Remove from list.</i>
							* 20/04
15144 <i>C 4928</i>	Grisselklubb.						<i>Remove from list.</i>
							* 20/04
*17000 <i>C 4680.6</i>	Katanpaa Range, front.	60° 36.8' N 21° 09.8' E	Q.W.	34 10	5	Red rectangular daymark, yellow stripe.	Visible 181°-189°.
							21/04
*17000.1 <i>C 4680.61</i>	-Rear, 185° from front.	60° 36.6' N 21° 09.8' E	L.Fl.W. period 6s fl. 2s, ec. 4s	67 20	6	Red rectangular daymark, yellow stripe.	Visible 181°-189°.
							21/04

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SECTION II

SUMMARY OF CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

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17264 <i>C 4442</i>	Laitakari, E. side.						<i>Remove from list.</i>
							* 19/04
17308 <i>C 4419</i>	- Iso Jarviluoto Range, front.	61° 07.1' N 21° 25.8' E	Iso.G. period 2s	43 13	3	Red rectangular daymark, yellow stripe.	Visible 064°30'-072°30'. Range 10M in fog.
					*		* 22/04
17312 <i>C 4419.1</i>	--Rear, 1100 meters 068°30' from front.	61° 07.3' N 21° 27.1' E	Iso.G. period 6s fl. 2s, ec. 4s	135 41	10	Red rectangular daymark, yellow stripe.	Visible 064°30'-072°30'.
		*	*				22/04
17321 <i>C 4419.7</i>	-Hakuni Range, front.	61° 07.6' N 21° 25.8' E	Iso.W. period 2s	62 19	6	Gray pillar.	Visible 024°-054°. Range 11M in fog.
							* 22/04
17321.1 <i>C 4419.71</i>	--Rear, about 600 meters 039° from front.	61° 07.9' N 21° 26.2' E	Iso.W. period 6s	82 25	7	Gray beacon.	Visible 024°-054°. Synchronized with front. Range 11M in fog.
							* 22/04
17924 <i>C 4253.1</i>	--Rear, about 68 meters 169° from front.	63° 14.1' N 20° 37.4' E	L.FI.W.R.G. period 6s fl. 2s, ec. 4s	34 10	5	Yellow rectangular daymark, red stripe.	G. 006°-025°, W.-035°, R.-059°30', obsc.-079°30', R.-111°, obsc.-134°, G.-165°30', W.-173°30', R.-182°, obsc.-339°, G.-347°, W.-352°, R.-006°.
			*				* 23/04
18256 <i>C 4204.1</i>	--Rear, about 1,900 meters 140°30' from front.	63° 56.1' N 22° 58.0' E	L.FI.Y. period 6s fl. 2s, ec. 4s	69 21	8	Steel pillar, red rectangular daymark, yellow stripe.	Visible 136°30'-144°30'.
		*	*				17/04

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SECTION II

NM 23/04

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 23/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG C ATP2V01U			SDPUB120			SDPUB175		
Region 1	2002	1* 2,3,4,7,8,9,10,11,14,15,17,19,20,21,22,23,24,25,26,27,28,29,30,31,32,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/03;1,2,3,5,6,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23/04		2001	12* 18,48,49,51/01;8,13,14,21,22,24,29,33,35,37,42,43,44,45,47/02;4,6,7,8,9,10,11,12,14,17,20,21,23,29,30,31,41,42,44,45,52/03;5,9,12,14,15/04		2001	41* 43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02;26,27,29,32,37,38,43,47/03
Region 2	2002	1* 8,15,17,20,21,22,23,24,26,28,30,32,33,34,44,48,52/03;2,3,5,7,10,11,14,15,20,22/04		2001	45* 47,48/01;1,14,17,18,19/02;24,25,27,28,32,38,42/03		2002	32* 33,42,47,48,50/02;6,13,14,17,21,24,42,44,47,48,49,51/03;19,21/04
Region 3	2002	1/03*;19,23/04		2001	18* 44,45,47,48,49,52/01;17,19,20,21,29,30,31,34,46,50/02;24,25,27,28,29,30,32,35,36,37,39,44,48/03		2001	8* 10,12,41/02;17/03
Region 4	2002	1* 23,43/03		2002	39* 41,42,43,44,45,48/02;24,26,27,28,30,32,41/03;12,16,23/04		2001	27/01*;13,15,16/02;18/03
Region 5	2002	1* 3,5,8,22,27,30,33,38,48/03;1,9,10,14,20/04		2002	39* 41,42,43,44,45,48/02;24,26,27,28,30,32,41/03;12,16,23/04		2000	27* 38,49/00;9,26,27,31,32/01;14,15,26,52/02;18,19,20,23,29/03;6/04
Region 6	2002	1* 10,11,13,16,19,20,21,25,28,30,33,38,50/03;11/04		2001	21* 48,49,51/01;8,17,23,32,42,43,44,46,47,48,50/02;4,6,7,8,9,11,12,15,19,21,22,23,24,25,26,31,32,34,37,42,43/03		2002	33* 40,49,51,52/02;1,2,3,15,16,21,32,33,41,43,46,49/03;1,12,23/04
Region 7	2002	1* 11,15,28/03		2001	21* 48,49,51/01;8,17,23,32,42,43,44,46,47,48,50/02;4,6,7,8,9,11,12,15,19,21,22,23,24,25,26,31,32,34,37,42,43/03		2002	38* 39,42/02;22,27,34,41,51,52/03
Region 8	2002	1* 14,37,41,46,52/03		2000	49/00*;3,31,35/01;1,15,43/02		USCG LIGHT LIST VOLUMES I - VII	
Region 9	2002	1* 34,40,43,45,48,50,51,52/03;1,7,11,14,15,21/04		2001	21*,38/01		2004	22*,23/04
Miscellaneous Charts and Publications	2002	1* 2,4,5,6,7,9,11,12,13,15,17,18,19,20,21,23,24,25,27,28,29,30,31,32,33,34,36,37,38,39,41,42,43,45,46,47,48,49,51,52/03;1,4,5,6,7,9,10,11,13,14,16,17,18,19,20,21,22,23/04		2000	49/00*;3,31,35/01;1,15,43/02		2004	23/04*
				2001	35/01*;21,22,23,24/02;39,40,41,46,50/03;10,12,15,19/04		2004	23/04*
				2001	48/01*;23,24/02;22,42,43,45,48,50,52/03;5,13,14,22/04		2004	23/04*
				2000	6/01*;28,30,41,44,46,47,48,52/02;1,3,4,8,13,15,22,25,32,35,37,38,39,40,43/03		2004	22/04*
				2002	17*,19,31,42,44,45,46,48,50/02;3,14,19,23,30,41,42,47/03;10,12,13,16,19,20/04		2004	22*,23/04
				2001	31* 48/01;10,45,46/02		2004	22*,23/04
				2002	42* 48/02;10,13,15/04		FLEET GUIDES	
				2002	47* 48,49,52/02;6,8,10,11,19,21,22,23,30,33,36,39,41,43,48,49,51/03;1,2,5,6,11/04		2004	N17/04*
				2002	23* 24,44,47,48/02;5,12/03;10,14/04		2001	N47/01*
				2001	51/01*;5,12/03;12/04		NOS MISCELLANEOUS PUBLICATIONS	
				2002	18* 20,21,26,46,51/02;13,24,26,27,28,29,30,31,39,40,41,43,47,48/03;12,16,23/04		2000	34/00*
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		2000	28/00*
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		2000	34/00*
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		2003	19/04*
				2000	7* 19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02;30,39,40,41,43/03;6/04		2003	19/04*
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		ALMANACS	
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		2004	29/03*
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		2004	29/03*
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		COAST PILOT	
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		34	18*,21/04
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		33	5*,6,9,20/04
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		37	14*,18,21/04
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		35	34*,36,39,42,44,46,47,51/03;6,7,8,9,11,12,19,20,21/04
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		31	51*,52/03;1,7,8,9,10,12,13,15,17,18/04
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		34	13*,18,19/04
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		36	18*,19,20,21,23/04
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		25	32*,33,34,39,42,48,51/03;1,7,8,10,17,18,20,21,22,23/04
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		21	30*,32,33,36,39,42,48,51/03;8,18,19,20,23/04
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		RADIO NAVIGATIONAL AIDS	
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		2002	50/02*;13/03
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		AMERICAN PRACTICAL NAVIGATOR	
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		2002	36/02*;14,38/03
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		INTERNATIONAL CODE OF SIGNALS	
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		2003	20/03*
				2001	40* 47,48,52/01;5,9,14,16,41/02;23,24,26,41/03		INTERNATIONAL CODE OF SIGNALS	
				2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22/04		2003	20/03*
				2002	50* 51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04		INTERNATIONAL CODE OF SIGNALS	
				2000	7* 19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02;30,39,40,41,43/03;6/04		2003	20/03*
				2000	7* 19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02;30,39,40,41,43/03;6/04		INTERNATIONAL CODE OF SIGNALS	
				2000	7* 19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02;30,39,40,41,43/03;6/04		2003	20/03*

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 23/04**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.
WORLD PORT INDEX		
NVPUB150	2000	50/00*;14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01:1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02:2,7,10,15,20/03
DISTANCES BETWEEN PORTS		
NVPUB151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
CDPUBNV1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N23/91*
ATLAS OF PILOT CHARTS		
NVPUB106	2002	42/03*
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00;16/04
NOS TIDE TABLES		
NOSPBTTWCWPA4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
TIDAL CURRENT TABLES		
NOSPBTTWCSTNSA4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 201200Z May 2004:

2003 series	2004 series	149(11)	166(GEN)	170(11,26)
108(26,27)	111(GEN)	163(GEN)	167(GEN)	171(11)
387(GEN)	128(26)	165(11,26)	168(GEN)	

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

NAVAREA IV WARNINGS issued from 131100Z to 201200Z May 2004.

161/04 and 162/04. CANCELED.

- 163/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.
- HAZARDOUS OPERATIONS 192152Z TO 200137Z MAY, ALTERNATE 202152Z TO 210137Z MAY IN AREAS BOUND BY:
 - 28-30N 080-35W, 28-31N 080-29W, 28-21N 079-55W, 28-18N 079-56W, 28-24N 080-30W, 28-26N 080-35W.
 - 28-22N 080-30W, 28-33N 080-27W, 28-31N 080-21W, 28-20N 080-24W.
 - 28-04N 079-31W, 28-30N 079-22W, 28-07N 078-06W, 27-47N 078-11W.
 - 27-15N 072-53W, 26-47N 071-27W, 25-49N 068-38W, 25-05N 068-50W, 25-48N 071-47W, 26-11N 073-18W.
 - 25-16N 064-52W, 24-12N 061-20W, 22-50N 061-46W, 23-49N 065-22W.
 - CANCEL THIS MSG 210237Z MAY.

(140920Z MAY 2004)

164/04. CANCELED.

- 165/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.
- HAZARDOUS OPERATIONS:
 - 0400Z TO 0359Z COMMENCING DAILY 17 THRU 23 MAY IN AREA BOUND BY 30-45.0N 080-54.0W, 30-45.0N 080-11.0W, 30-36.0N 080-11.0W, 30-33.0N 080-55.0W.
 - 0400Z TO 0359Z COMMENCING DAILY 17 THRU 23 MAY IN AREA BETWEEN 29-10.0N 29-20.0N AND 079-40.0W 079-50.0W.
 - 1100Z TO 0359Z COMMENCING DAILY 18 THRU 20 MAY AND 0400Z TO 0500Z DAILY 19 THRU 21 MAY IN AREA BETWEEN 29-50.0N 30-00.0N AND 080-50.0W 081-00.0W.
 - 0400Z TO 0359Z COMMENCING DAILY 16 THRU 18 MAY IN AREA BOUND BY 30-50.5N 080-17.5W, 30-50.5N 080-13.5W, 30-46.5N 080-13.5W, 30-46.5N 080-17.5W.
 - CANCEL THIS MSG 240459Z MAY.

(141720Z MAY 2004)

166/04(GEN).

- NAVAREA IV MESSAGES IN FORCE 151000Z MAY 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 111(GEN), 128(26), 149(11), 156(14), 159(11,26), 162(11), 163(GEN), 164(11,26), 165(11,26).
- THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
- CANCEL NAVAREA IV 79/04, 155/04.

(151010Z MAY 2004)

167/04(GEN). MARITIME DIVISION. RADIO SERVICES.

NGA MARITIME DIVISION PHONE COMMUNICATIONS CURRENTLY UNAVAILABLE. FOR URGENT SERVICE CONTACT NGA NAVSAFETY, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO NGA NAVSAFETY BETHESDA MD.

(152010Z MAY 2004)

168/04(GEN). GPS SATELLITE SYSTEM.
1. PRN 16 UNUSABLE 202345Z TO 211145Z MAY.
2. CANCEL THIS MSG 211245Z MAY.

(172208Z MAY 2004)

169/04. CANCELED.

170/04(11,26). GEORGIA.
1. SAVANNAH DGPS STATION 32-08N 081-42W
OFF AIR 201400Z TO 201600Z MAY.
2. CANCEL THIS MSG 201700Z MAY.

(191520Z MAY 2004)

171/04(11). FLORIDA-WEST COAST.
1. DERELICT 21 FOOT VESSEL, WHITE HULL,
ADRIFT IN 28-08.5N 083-11.3W.
2. CANCEL THIS MSG 26 MAY.

(191530Z MAY 2004)

SECTION III

NM 23/04

HYDROLANTS

Messages in force 201200Z May 2004:

2001 series	1472(35)	2419(54)	668(56)	773(53)	854(24)
611(44)	1999(23)	2420(54)	673(51)	801(51,52)	855(24)
2700(37)	2203(53)	2004 series	687(51)	805(24)	856(24)
2002 series	2297(24)	164(53)	696(36,37)	811(55)	857(35)
245(GEN)	2374(35)	169(51,52)	697(55)	816(56)	858(56)
246(GEN)	2384(23,24)	224(24)	700(53)	824(24)	859(23,24)
2003 series	2406(54)	272(24)	709(56)	827(52,53)	864(23)
41(37)	2407(54)	505(52,53)	724(53)	833(GEN)	865(24)
67(37)	2408(54)	577(GEN)	730(53)	837(GEN)	866(55)
544(55)	2409(54)	607(51)	732(53)	840(43)	867(53)
604(26,27)	2410(54)	628(53,56)	736(53)	843(36)	
738(35)	2413(54)	631(37)	754(57)	846(GEN)	
1117(37)	2414(54)	643(57)	756(GEN)	849(57)	
1242(24)	2416(54)	649(55)	758(53)	850(24)	
1422(53)	2418(52)	650(55)	772(55)	853(52,53)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

HYDROLANT WARNINGS issued from 131100Z to 201200Z May 2004.

815/04. CANCELED.

816/04(56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0400Z TO 0930Z DAILY
17 THRU 19 AND 24 MAY IN AREA BOUND BY
31-54.4N 034-41.1E, 31-57.6N 034-38.8E,
32-01.3N 034-34.9E, 32-05.2N 034-25.5E,
32-01.3N 034-19.8E, 31-59.0N 034-17.4E,
31-56.6N 034-16.7E, 31-53.9N 034-17.7E,
31-50.6N 034-20.8E, 31-48.4N 034-30.1E,
31-49.3N 034-36.4E, 31-50.8N 034-39.3E.
2. CANCEL THIS MSG 241030Z MAY.

(131200Z MAY 2004)

817/04 thru 823/04. CANCELED.

824/04(24). BRAZIL-EAST COAST.

1. SURVEY OPERATIONS 17 THRU 22 MAY BY
M/V AMORIM DO VALE IN AREA BOUND BY
10-32.0S 036-24.0W, 10-34.3S 036-24.0W,
10-34.3S 036-20.0W, 10-30.0S 036-20.0W,
10-30.0S 036-22.0W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 23 MAY.

(140640Z MAY 2004)

825/04 and 826/04. CANCELED.

827/04(52,53). WESTERN MEDITERRANEAN SEA.

1. SURVEY OPERATIONS BY M/V CERTAMEN TOWING EQUIPMENT:
 - A. IN PROGRESS UNTIL 142000Z MAY ALONG TRACKLINE BETWEEN
37-53.00N 011-49.00E AND 37-52.85N 011-25.75E.
 - B. 142200Z TO 162200Z MAY ALONG TRACKLINE BETWEEN
37-53.00N 011-49.00E AND 38-08.66N 011-56.44E.
 - C. 170400Z TO 212000Z MAY ALONG TRACKLINE BETWEEN
38-03.00N 010-25.00E AND 38-10.12N 008-27.61E.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 212100Z MAY.

(141020Z MAY 2004)

828/04 thru 832/04. CANCELED.

833/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 151200Z MAY 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 577(GEN), 607(51), 628(53,56), 631(37), 641(53),
643(57), 649(55), 650(55), 668(56), 673(51), 687(51),
696(36,37), 697(55), 700(53), 709(56), 724(53), 730(53),
731(53), 732(53), 736(53), 739(24), 754(57), 756(GEN),
758(53), 772(55), 773(53), 777(53), 789(37), 790(35),
791(35), 793(51), 797(54), 801(51,52), 805(24), 811(55),
812(54), 814(55), 816(56), 817(24), 818(24), 820(24),

- 824(24), 825(24), 827(52,53), 830(24), 831(24).
 2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
 3. CANCEL HYDROLANT 1944/03, 378/04, 409/04, 449/04, 519/04, 527/04, 593/04, 733/04, 774/04, 786/04, 832/04.

(151210Z MAY 2004)

834/04 thru 836/04. CANCELED.

837/04(GEN). MARITIME DIVISION. RADIO SERVICES. NGA MARITIME DIVISION PHONE COMMUNICATIONS CURRENTLY UNAVAILABLE. FOR URGENT SERVICE CONTACT NGA NAVSAFETY, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO NGA NAVSAFETY BETHESDA MD.

(152015Z MAY 2004)

838/04 and 839/04. CANCELED.

840/04(43). NORTH SEA. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V CGG ALIZE TOWING EIGHT THREE MILE LONG CABLES IN AREA BETWEEN 61-22N 61-34N AND 001-37E 002-15E. WIDE BERTH REQUESTED.

(160550Z MAY 2004)

841/04 and 842/04. CANCELED.

843/04(36). WALES-WEST COAST. CHART 36046 (5TH ED). STRUMBLE HEAD LIGHT 52-01.8N 005-04.4W UNRELIABLE.

(161747Z MAY 2004)

844/04 and 845/04. CANCELED.

846/04(GEN). GPS SATELLITE SYSTEM.
 1. PRN 16 UNUSABLE 202345Z TO 211145Z MAY.
 2. CANCEL THIS MSG 211245Z MAY.

(172213Z MAY 2004)

847/04 and 848/04. CANCELED.

849/04(57). SOUTH ATLANTIC. MAN OVERBOARD FROM VESSEL BLOMEAH IN 19-25.6S 011-53.5E AT 180245Z MAY. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO CAPE TOWN RADIO, TELEX: 521848, PHONE: 272 1551 2617, FAX: 272 1551 3760.

(180620Z MAY 2004)

850/04(24). BRAZIL-NORTH COAST. CHART 24320 (4TH ED).
 1. AM-1 LIGHTSHIP 01-34N 049-01W TEMPORARILY REMOVED.
 2. CANCEL HYDROLANT 2175/03 AND 739/04.

(180710Z MAY 2004)

851/04 and 852/04. CANCELED.

853/04(52,53). WESTERN MEDITERRANEAN SEA.
 1. 2.6 MILE LONG FISHING NET ADRIFT VICINITY 39-01.1N 007-59.5E AT 181850Z MAY.
 2. CANCEL THIS MSG 25 MAY.

(182100Z MAY 2004)

854/04(24). BRAZIL-SOUTHEAST COAST.
 1. SURVEY OPERATIONS IN PROGRESS UNTIL 230259Z MAY BY M/V FALCON EXPLORER TOWING SIX 80 METER LONG CABLES IN AREA BOUND BY 22-15S 040-15W, 22-20S 040-18W, 22-26S 040-09W, 22-20S 040-08W. TWO MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 230359Z MAY.

(190905Z MAY 2004)

SECTION III

NM 23/04

- 855/04(24). BRAZIL-SOUTHEAST COAST.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 230259Z MAY
BY M/V OCEAN EXPLORER TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
22-15S 040-14W, 22-20S 040-18W,
22-26S 040-09W, 22-20S 040-07W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 230359Z MAY.
(190910Z MAY 2004)
- 856/04(24). BRAZIL-SOUTHEAST COAST.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 230300Z MAY
BY M/V BERGEN SURVEYOR TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
22-15S 040-15W, 22-20S 040-18W,
22-26S 040-09W, 22-20S 040-08W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 230400Z MAY.
(190920Z MAY 2004)
- 857/04(35). SCOTLAND-WEST COAST. MISSILES.
1. HAZARDOUS OPERATIONS 0700Z TO 1300Z DAILY 20 AND 21 MAY
WITHIN 45 MILES OF 57-14N 009-07W.
2. CANCEL THIS MSG 211400Z MAY.
(190940Z MAY 2004)
- 858/04(56). EASTERN MEDITERRANEAN SEA.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 10 JUL BY
M/V OCEAN FINDER IN AREA BETWEEN
31-35.5N 31-35.0N AND 031-26.8E 031-26.2E.
2. CANCEL THIS MSG 11 JUL.
(191315Z MAY 2004)
- 859/04(23,24). SOUTH ATLANTIC. URUGUAY.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 300300Z MAY
BY M/V ROU 22 OYARVIDE IN AREA BOUND BY
34-30.5S 053-34.8W, 34-35.8S 053-30.0W,
34-18.6S 053-13.5W, 34-14.3S 053-20.4W.
2. CANCEL THIS MSG 300400Z MAY.
(191500Z MAY 2004)
- 860/04 thru 863/04. CANCELED.
- 864/04(23). SOUTH ATLANTIC.
1. DERELICT F/V EL MARISCO II ADRIFT VICINITY 38-31S 057-10W.
2. CANCEL THIS MSG 27 MAY.
(200226Z MAY 2004)
- 865/04(24). BRAZIL-EAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 250300Z MAY
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BETWEEN
20-00.0S 20-08.2S AND 039-28.0W 039-51.4W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 250400Z MAY.
(200650Z MAY 2004)
- 866/04(55). BLACK SEA. GUNNERY.
1. GUNNERY EXERCISES 0900Z TO 2000Z DAILY
24 MAY THRU 06 JUN IN AREA BOUND BY
44-23.0N 028-42.5E, 44-27.0N 029-01.0E,
44-20.0N 029-01.5E, 44-13.0N 028-56.5E.
2. CANCEL HYDROLANT 862/04(57).
3. CANCEL THIS MSG 062100Z JUN.
(200840Z MAY 2004)
- 867/04(53). SARDEGNA-WEST COAST. GUNNERY.
1. GUNNERY EXERCISES IN PROGRESS UNTIL 15 JUL
IN AREA BOUND BY 40-30-06N 008-20-18E,
40-29-58N 008-20-19E, 40-29-51N 008-21-12E.
2. CANCEL HYDROLANT 777/04, OPERATIONS COMPLETED.
3. CANCEL THIS MSG 16 JUL.
(201005Z MAY 2004)

SECTION III
NAVAREA XII

NM 23/04

Messages in force 201200Z May 2004:

2003 series	2004 series	147(19)	167(GEN)	170(83)
262(GEN)	125(GEN)	166(GEN)	168(GEN)	171(18)

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

NAVAREA XII WARNINGS issued from 131100Z to 201200Z May 2004.

164/04 and 165/04. CANCELED.

166/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 151000Z MAY 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 125(GEN), 147(19), 162(21), 163(18), 164(18,21).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
3. CANCEL NAVAREA XII 160/04, 165/04.

(151020Z MAY 2004)

167/04(GEN). MARITIME DIVISION. RADIO SERVICES.

NGA MARITIME DIVISION PHONE COMMUNICATIONS CURRENTLY UNAVAILABLE. FOR URGENT SERVICE CONTACT NGA NAVSAFETY, E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO NGA NAVSAFETY BETHESDA MD.

(152020Z MAY 2004)

168/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 16 UNUSABLE 202345Z TO 211145Z MAY.
2. CANCEL THIS MSG 211245Z MAY.

(172217Z MAY 2004)

169/04. CANCELED.

170/04(83). NORTH PACIFIC.

1. OCEANOGRAPHIC OPERATIONS BY M/V L'ATALANTE WITH SUBMERSIBLE:
 - A. 23 MAY THRU 06 JUN VICINITY 14-00N 130-00W.
 - B. 09 THRU 16 JUN VICINITY 09-00N 150-00W.WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 17 JUN.

(180950Z MAY 2004)

171/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 - A. 34-02N 119-04W.
 - B. 33-52N 119-06W.
 - C. 33-29N 119-07W.
 - D. 33-29N 118-37W.
 - E. 33-20N 118-37W.
 - F. 32-11N 120-16W.
 - G. 31-54N 121-35W.
 - H. 35-09N 123-39W.
 - I. 35-29N 123-00W.
 - J. 35-04N 122-43W.
 - K. 35-57N 121-32W.
 - L. 34-59N 120-42W.
 - M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL TO THE SHORELINE.
 - N. 34-24N 120-30W.
 - O. 34-08N 120-26W.
 - P. 34-08N 119-40W.
 - Q. 34-00N 119-40W.
 - R. 34-06N 119-13W.
 - S. 34-06N 119-11W.
 - T. 34-07N 119-10W.
 - U. 34-07N 119-07W.
 - V. 34-04N 119-04W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 163/04.

(200950Z MAY 2004)

HYDROPACS

Messages in force 201200Z May 2004:

2001 series	1911(62)	659(63)	729(22)	800(61)	849(63)
1976(62)	1982(GEN)	661(93)	730(22)	801(61)	850(63)
2002 series	2004(73,74)	671(71,93)	732(GEN)	802(61)	851(63)
205(GEN)	2265(62)	673(63)	740(74)	803(93)	852(81)
206(GEN)	2275(22)	675(95)	746(94,95)	807(63)	853(81)
403(72,73)	2004 series	677(63)	747(94,95)	809(63)	854(74)
2330(62)	23(62)	679(76)	748(94,95)	811(63)	855(GEN)
2003 series	278(63)	682(76)	749(71)	817(74)	856(GEN)
167(95)	329(71)	691(81,97)	750(94,95)	821(63)	857(63)
207(62)	352(63)	693(63)	753(62)	828(74)	858(63)
506(62)	402(62)	694(62)	754(62)	829(63)	859(63)
760(63)	403(62)	697(63)	757(63)	830(63)	860(73,74)
761(63)	455(73)	701(94,97)	758(19)	831(63)	861(76)
993(62)	460(94)	710(63)	763(62)	837(81)	862(93)
998(71)	464(63)	711(81)	765(95)	838(63)	863(GEN)
1041(71)	527(71,93)	712(93)	768(91,93)	839(63)	866(63)
1198(92)	572(83)	714(63)	769(61)	840(63)	868(74)
1330(62)	593(61)	724(63)	776(29)	842(61)	869(63)
1395(62)	600(62)	726(22)	778(75)	843(61)	870(63)
1699(63)	622(GEN)	727(22)	779(97)	846(74)	871(63)
1700(62)	624(82)	728(22)	795(62)	848(81)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarter are issued in NM 13/04.

HYDROPAC WARNINGS issued from 131100Z to 201200Z May 2004.

- 846/04(74). AUSTRALIA-NORTHWEST COAST.
CHART 74470 (2ND ED).
RED BLUFF LIGHT 17-03.5S 122-19.0E DESTROYED.
(132053Z MAY 2004)
- 847/04. CANCELED.
- 848/04(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 12-25.9N 133-50.7E
AT 141347Z MAY. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT. ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.
(141600Z MAY 2004)
- 849/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY
15 THRU 21 MAY IN AREA BETWEEN
15-13N 15-11N AND 073-57E 073-52E.
2. CANCEL THIS MSG 211330Z MAY.
(141620Z MAY 2004)
- 850/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY
15 THRU 21 MAY IN AREA BETWEEN
14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.
2. CANCEL THIS MSG 211230Z MAY.
(141640Z MAY 2004)
- 851/04(63). INDIA-WEST COAST.
CHART 63062 (7TH ED).
KAVLAN LIGHT 22-35.6N 070-02.8E UNLIT.
(141657Z MAY 2004)
- 852/04(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 11-09.8N 138-01.5E
AT 141512Z MAY. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT. ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.
(141750Z MAY 2004)
- 853/04(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 14-52.7N 132-46.4E
AT 141526Z MAY. VESSELS IN VICINITY REQUESTED

TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.

(141750Z MAY 2004)

854/04(74). AUSTRALIA-WEST COAST.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V WESTERN TRIDENT TOWING SIX FOUR MILE LONG CABLES
IN AREA BETWEEN 27-00S 29-00S AND 111-30E 113-30E.
WIDE BERTH REQUESTED.

(150129Z MAY 2004)

855/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 151200Z MAY 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 622(GEN), 624(82), 659(63), 661(93), 671(71.93),
673(63), 675(95), 677(63), 679(76), 682(76), 691(81.97), 693(63),
694(62), 697(63), 701(94.97), 710(63), 711(81), 712(93), 714(63),
724(63), 726(22), 727(22), 728(22), 729(22), 730(22), 732(GEN),
736(62), 738(76), 740(74), 746(94.95), 747(94.95), 748(94.95),
749(71), 750(94.95), 753(62), 754(62), 757(63), 758(19), 760(62),
763(62), 765(95), 768(91.93), 769(61), 776(29), 778(75), 779(97),
795(62), 800(61), 801(61), 802(61), 803(93), 807(63), 809(63),
811(63), 816(63), 817(74), 821(63), 826(74), 828(74), 829(63),
830(63), 831(63), 835(63), 837(81), 838(63), 839(63), 840(63),
841(22), 842(61), 843(61), 844(63), 846(74), 848(81), 849(63),
850(63), 851(63), 852(81), 853(81), 854(74).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE
AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS
ARE SUMMARIZED IN NM 13/04.
3. CANCEL HYDROPAC 583/04, 587/04, 820/04, 847/04.

(151220Z MAY 2004)

856/04(GEN). MARITIME DIVISION. RADIO SERVICES.
NGA MARITIME DIVISION PHONE COMMUNICATIONS CURRENTLY
UNAVAILABLE. FOR URGENT SERVICE CONTACT NGA NAVSAFETY,
E-MAIL: NAVSAFETY@NGA.MIL OR MSG TO NGA NAVSAFETY BETHESDA MD.

(151525Z MAY 2004)

857/04(63). INDIA-WEST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 1330Z TO 1700Z DAILY
19 AND 20 MAY WITHIN 75 MILES
OF 08-31.9N 076-52.1E.
2. CANCEL HYDROPAC 856/04(63).
3. CANCEL THIS MSG 201800Z MAY.

(160658Z MAY 2004)

858/04(63). INDIA-EAST COAST.
CHART 63321 (6TH ED).
1. DGPS STATION AT SAGAR ISLAND LIGHT 21-39.4N 088-02.9E
OFF AIR 17 MAY THRU 03 JUN.
2. CANCEL THIS MSG 04 JUN.

(160710Z MAY 2004)

859/04(63). INDIA-WEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 31 MAY BY M/V TEKNIK PERDANA
TOWING THREE 1500 METER LONG CABLES IN AREA BOUND BY
17-24.5N 071-11.7E, 17-21.8N 071-09.7E,
17-20.0N 071-12.5E, 17-22.7N 071-14.4E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUN.

(160740Z MAY 2004)

860/04(73,74). AUSTRALIA.
CHART 74470 (2ND ED).
RACON AT CAPE LEVEQUE LIGHT 16-23.8S 122-55.7E OFF AIR.

(160755Z MAY 2004)

861/04(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 26 MAY BY
M/V POLAR DUKE TOWING 5000 METER LONG CABLE
IN AREA BETWEEN 39-47S 40-14E AND 173-39E 174-12E.
FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 738/04.
3. CANCEL THIS MSG 27 MAY.

(162328Z MAY 2004)

862/04(93). GULF OF THAILAND. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 220100Z TO 221000Z MAY
IN AREA BOUND BY

12-34.70N 100-53.33E, 12-34.32N 100-53.00E,
12-33.63N 100-53.80E, 12-34.00N 100-54.10E.
2. CANCEL THIS MSG 221100Z MAY.

(170950Z MAY 2004)

863/04(GEN). GPS SATELLITE SYSTEM.
1. PRN 16 UNUSABLE 202345Z TO 211145Z MAY.
2. CANCEL THIS MSG 211245Z MAY.

(172220Z MAY 2004)

864/04 and 865/04. CANCELED.

866/04(63). INDIA-EAST COAST.
CHART 63260 (5TH ED).
DGPS STATION AT NAGAPPATTINAM LIGHT 10-45.8N 079-50.9E OFF AIR.

(181400Z MAY 2004)

867/04. CANCELED.

868/04(74). AUSTRALIA-NORTHWEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V MARKAB ALONG TRACKLINE
BETWEEN 19-39S 115-55E AND 19-31S 116-06E.
THREE MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 826/04.

(191110Z MAY 2004)

869/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 210330Z TO 210730Z MAY
WITHIN 13 MILES OF 21-39.0N 069-33.9E.
2. CANCEL THIS MSG 210830Z MAY.

(191120Z MAY 2004)

870/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
21 AND 25 MAY IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 251630Z MAY.

(191130Z MAY 2004)

871/04(63). INDIA-EAST COST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 210030Z TO 211230Z MAY
IN AREA BOUND BY 19-14.6N 084-53.7E,
19-10.5N 085-01.0E, 19-01.7N 084-56.8E,
19-05.1N 084-48.4E, 19-12.6N 084-57.6E.
2. CANCEL THIS MSG 211330Z MAY.

(191140Z MAY 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 20 May 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 20 May 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below:

1114A	35 th Ed. May 2004 NEW EDITION FL-TAMPA BAY TO CAPE SAN BLAS-MINERAL LEASE OVERPRINT (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:456,394/LORAN-C
11400	35 th Ed. May 2004 NEW EDITION FL-TAMPA BAY TO CAPE SAN BLAS (New edition due to various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:456,394/LORAN-C
12214	45 th Ed. May 2004 NEW EDITION NJ-DE-CAPE MAY TO FENWICK ISLAND (New edition due to changes in hydrography and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
12283	25 th Ed. May 2004 NEW EDITION MD-ANNAPOLIS HARBOR (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:10,000
17433	11 th Ed. May 2004 NEW EDITION AK-SOUTHEAST COAST-SOUTH END OF PRINCE WALES ISLAND- KENDRICK BAY TO SHIPWRECK POINT (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
18587	69 th Ed. May 2004 NEW EDITION OR- COOS BAY (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:20,000

NEW EDITION OF LIGHT LIST

US Coast Guard Light List Volume II, Atlantic Coast, Shrewsbury River, New Jersey to Little River, South Carolina, 2004 Edition, (GPO Stock Number: 050-012-004412-1, ISBN: 0-16-067982-6) is now available on the US Coast Guard Navigation Center Internet site (www.navcen.uscg.gov/pubs/LightLists/LightLists.htm). Hard copy editions are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents by calling 202-512-1800.

NEW EDITION OF LIGHT LIST

US Coast Guard Light List Volume III, Atlantic Coast and Gulf Coast, Little River, South Carolina to Econfinia River, Florida (Includes Puerto Rico and the U.S. Virgin Islands), 2004 Edition, (GPO Stock Number: 050-012-00443-9, ISBN: 0-16-067983-4) is now available on the US Coast Guard Navigation Center Internet site (www.navcen.uscg.gov/pubs/LightLists/LightLists.htm). Hard copy editions are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents by calling 202-512-1800.

NEW EDITION OF LIGHT LIST

US Coast Guard Light List Volume IV, Gulf of Mexico, Econfina River, Florida to the Rio Grande, Texas, 2004 Edition, (GPO Stock Number: 050-012-00444-7, ISBN: 0-16-067984-2) is now available on the US Coast Guard Navigation Center Internet site (www.navcen.uscg.gov/pubs/LightLists/LightLists.htm). Hard copy editions are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents by calling 202-512-1800.

NEW EDITION OF LIST OF LIGHT

Pub. 116, 2004 Edition, List of Lights, Radio Aids and Fog Signals for the Baltic Sea with Kattegat, Belts and Sound and Gulf of Bothnia, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 10 April 2004, including Notice to Mariners No. 15 of 2004.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 23 of 2004, are contained in Section II of this Notice.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

Note: Copies of the above publication may be obtained from the Government Printing Office (GPO).

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

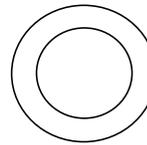
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).



**MARITIME SAFETY INFORMATION DIVISION
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NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



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ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

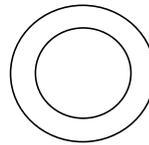
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



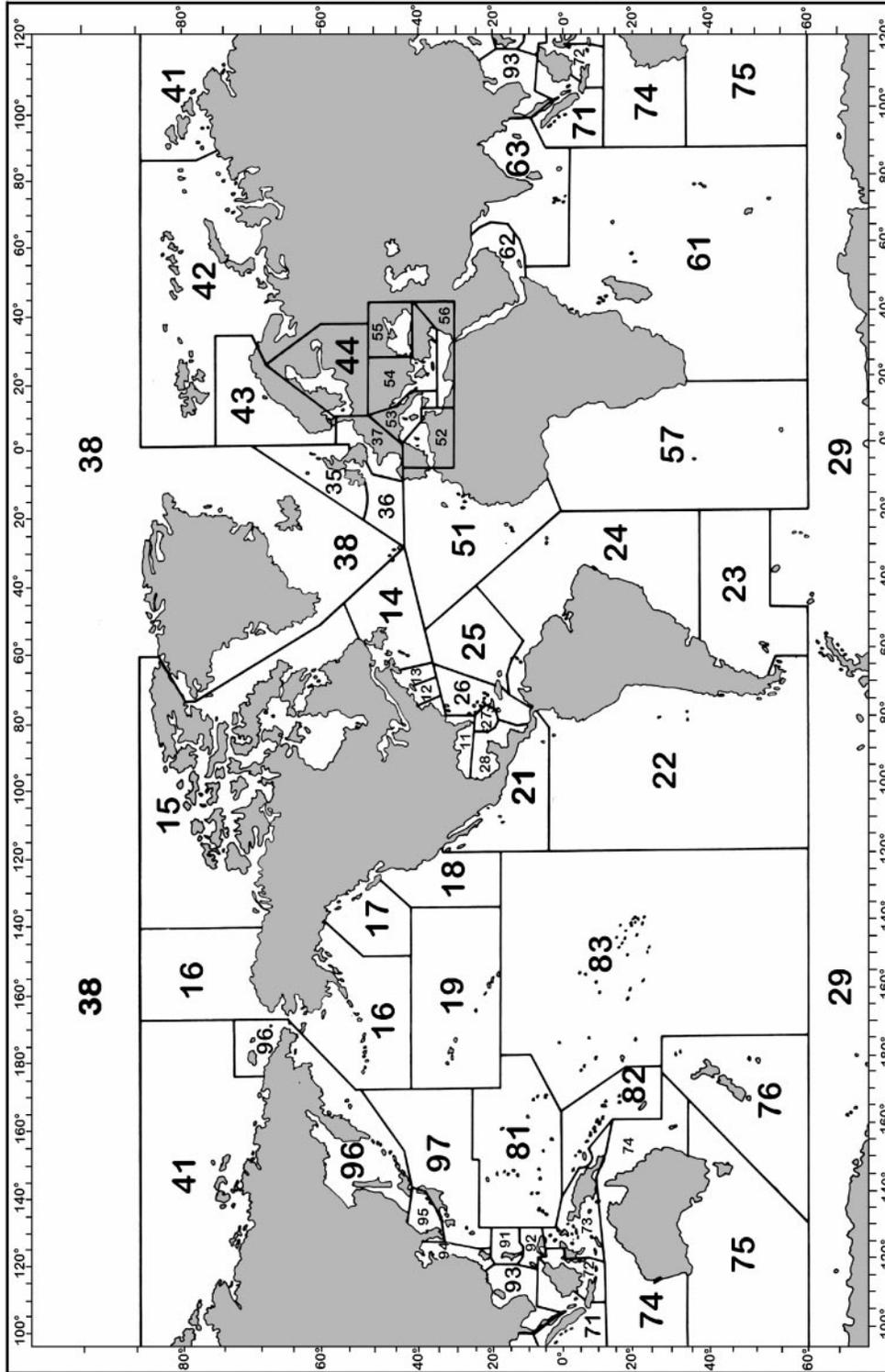
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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

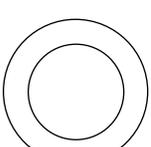
DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

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PENALTY FOR PRIVATE USE \$300



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TIME—DATED



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY